GRASS VALLEY

City Council Regular Meeting, Capital Improvements Authority and Redevelopment "Successor Agency"

Tuesday, September 10, 2024 at 6:00 PM
Council Chambers, Grass Valley City Hall | 125 East Main Street, Grass Valley, California
Telephone: (530) 274-4310 – Fax: (530) 274-4399
E-Mail: info@cityofgrassvalley.com Web Site: www.cityofgrassvalley.com

AGENDA

Any person with a disability who requires accommodations to participate in this meeting should telephone the City Clerk's office at (530)274-4390, at least 48 hours prior to the meeting to make a request for a disability related modification or accommodation.

Mayor Jan Arbuckle, Vice Mayor Hilary Hodge, Councilmember Bob Branstrom, Councilmember Haven Caravelli, Councilmember Tom Ivy

MEETING NOTICE

City Council welcomes you to attend the meetings electronically or in person at the City Hall Council Chambers, located at 125 E. Main St., Grass Valley, CA 95945. Regular Meetings are scheduled at 6:00 p.m. on the 2nd and 4th Tuesday of each month. Your interest is encouraged and appreciated.

This meeting is being broadcast "live" on Comcast Channel 17 by Nevada County Media, on the internet at www.cityofgrassvalley.com, or on the City of Grass Valley YouTube channel at https://www.youtube.com/@cityofgrassvalley.com

Members of the public are encouraged to submit public comments via voicemail at (530) 274-4390 and email to public@cityofgrassvalley.com. Comments will be reviewed and distributed before the meeting if received by 5pm. Comments received after that will be addressed during the item and/or at the end of the meeting. Council will have the option to modify their action on items based on comments received. Action may be taken on any agenda item.

Agenda materials, staff reports, and background information related to regular agenda items are available on the City's website: www.cityofgrassvalley.com. Materials related to an item on this agenda submitted to the Council after distribution of the agenda packet will be made available on the City of Grass Valley website at www.cityofgrassvalley.com, subject to City staff's ability to post the documents before the meeting.

Please note, individuals who disrupt, disturb, impede, or render infeasible the orderly conduct of a meeting will receive one warning that, if they do not cease such behavior, they may be removed from the meeting. The chair has authority to order individuals removed if they do not cease their disruptive behavior following this warning. No warning is required before an individual is removed if that individual engages in a use of force or makes a true threat of force. (Gov. Code, § 54957.95.)

Council Chambers are wheelchair accessible and listening devices are available. Other special accommodations may be requested to the City Clerk 72 hours in advance of the meeting by calling (530) 274-4390, we are happy to accommodate.

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL

AGENDA APPROVAL - *The City Council reserves the right to hear items in a different order to accomplish business in the most efficient manner.*

REPORT OUT OF CLOSED SESSION

INTRODUCTIONS AND PRESENTATIONS

1. Update on the Everhart structure Fire.
2. Grass Valley Animal Control Grant

PUBLIC COMMENT - *Members of the public are encouraged to submit public comments via voicemail at (530) 274-4390 and email to public@cityofgrassvalley.com. Comments will be reviewed and distributed before the meeting if received by 5pm. Comments received after 5pm will be addressed during the item and/or at the end of the meeting. Council will have the option to modify their action on items based on comments received. Action may be taken on any agenda item. There is a time limitation of three minutes per person for all emailed, voicemail, or in person comments, and only one type of public comment per person. Speaker cards are assigned for public comments that are on any items not on the agenda, and within the jurisdiction or interest of the City. Speaker Cards can be pulled until the opening of public comment at which time sign ups will no longer be allowed. These cards can be found at the City Clerks desk. If you wish to speak regarding a scheduled agenda item, please come to the podium when the item is announced. When recognized, please begin by providing your name and address for the record (optional). Thirty minutes of public comment will be heard under this item in order of the speaker card assigned and the remaining general public comments will be heard at the end of the meeting. We will begin with number one.*

CONSENT ITEMS -*All matters listed under the Consent Calendar are to be considered routine by the City Council and/or Grass Valley Redevelopment Agency and will be enacted by one motion in the form listed. There will be no separate discussion of these items unless, before the City Council and/or Grass Valley Redevelopment Agency votes on the motion to adopt, members of the Council and/or Agency, staff or the public request specific items to be removed from the Consent Calendar for separate discussion and action but Council action is required to do so (roll call vote).Unless the Council removes an item from the Consent Calendar for separate discussion, public comments are invited as to the consent calendar as a whole and limited to three minutes per person.*

3. Approval of the Regular Meeting Minutes of August 13, 2024.

   Recommendation: Council approve minutes as submitted.

4. Approval of the Special Meeting Minutes of August 22nd, 2024.

Recommendation: Council approve minutes as submitted.

5. Conflict of Interest Code Update

CEQA: Not a project

Recommendation: That Council approve the City Manager signing of the City of Grass Valley Biennial Notice and adopt the 2024 Conflict of Interest Code and corresponding Resolution 2024-68 approving changes to the code.

6. Pioneer Community Energy JPA Amendment

CEQA: Not a project

Recommendation: Adopt a Resolution of the City of Grass Valley Approving the Revised Second Amended and Restated Joint Powers Agreement for Pioneer Community Energy

7. Changing Historical Commission Meeting Times

CEQA: Not a Project

Recommendation: That Council adopt Resolution No. 2024-67 changing the regular meetings of the Historical Commission to 3:00 p.m. on the second Tuesday of each calendar month beginning October 1, 2024.

8. Habitat for Humanity – Approve Parcel Map

CEQA: Categorically Exempt – Class 15 "Minor Land Divisions"

Recommendation: That Council 1) approve the findings that the project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA); and 2) approve Parcel Map 24PLN-05; and 3) approve the Resolution 2024-70 accepting the public utility easements.

9. Administrative EMS Coordinator

CEQA: Not a project

Recommendation: That Council 1) approves the job description for Administrative EMS Coordinator, and 2) approves the associated salary schedule and Certificate and Educational Incentive pays for the Administrative EMS Coordinator position.

ITEMS REMOVED FROM CONSENT CALENDAR FOR DISCUSSION OR SEPARATE ACTION AND / OR ANY ADDED AGENDA ITEMS

REORGANIZATION RELATED ITEMS

PUBLIC HEARING

10. Appeal of the Planning Commission's denial of Use Permit applications for an exception to the multifamily covered parking requirement established in Section 17.36.040, Table 3-3 of the City of Grass Valley Municipal Code.

Recommendation: Based upon the evidence in the public record, and the Planning Commission's 3:1 denial, staff recommends that the City Council take one of the following actions:

Option 1) Uphold the Planning Commission's denial of Use Permit applications 24PLN-0008, -0009, and -0010; a) Deny the appeal and uphold the Planning Commission's denial of the Use Permit applications for a reduction in covered parking requirements;

b) Determine the proposed projects at 210 Sutton Way (24PLN-0008), 265 Sutton Way (24PLN-0009), and 228 Sutton Way (24PLN-0010) exempt pursuant to Section 15061(b)(3) of the California Environmental Quality Act (CEQA) and Guidelines, as detailed in the attached June 18, 2024 Planning Commission Staff Report; c) Uphold the Planning Commission's finding for denial of the Use Permits, that "insufficient quantitative evidence was provided to document a need for a reduction of the covered parking standard;" and, d)Deny the Use Permits as presented in this Staff Report.

Option 2) Overturn the Planning Commission's denial of Use Permit applications 24PLN-0008, -0009, and -0010; a) Uphold the appeal and overturn the Planning Commission's denial of the Use Permit applications for a reduction in covered parking requirements; b) Determine the proposed projects at 210 Sutton Way (24PLN-0008), 265 Sutton Way (24PLN-0009), and 228 Sutton Way (24PLN-0010) exempt pursuant to Sections 15061(b)(3) and 15301 of the California Environmental Quality Act (CEQA) and Guidelines, as detailed in the attached June 18, 2024 Planning Commission Staff Report c) Adopt Findings of Fact as detailed in the June 18, 2024 Planning Commission Staff Report for approval of the Use Permits as presented in the Staff Report; and, d) Approve the Use Permits as presented in this Staff Report.

Option 3) Refer Use Permit applications 24PLN-0008, -0009, and -0010 to the Planning Commission for further consideration based on new or different evidence presented.

11. Supplement to the Final Environmental Impact Report for the Approved Dorsey Marketplace Project

CEQA: Pursuant to the California Environmental Quality Act (Pub. Resources Code, § 21000 et seq.) ("CEQA") and the State CEQA Guidelines (Cal. Code Regs., tit.14, § 15000 et seq.), the City Council, at its April 28, 2020, regular meeting, certified a Final Environmental Impact Report ("EIR") for the mixed-use development known as the Dorsey Marketplace Project ("Project").

That City Council action, along with the City Council's approval of the Project, was subsequently challenged in court, with the ultimate result being that the City needed to make only minor changes to the original 2020 EIR. The required changes are set forth in documents from both the Court of Appeal and the Nevada County Superior Court, namely, a Modified Opinion from the Court of Appeal and a Revised Judgment and Peremptory Writ of Mandate from the superior court. These documents ordered the City to prepare further analysis of the extent to which Project-related traffic added to anticipated 2035 traffic on State Route ("SR") 20/49 could result in adverse health effects on future Project residents and occupants.

In response to these judicial directives, the City prepared a Supplement to the Final EIR ("SFEIR"). The Draft SFEIR was circulated for public comment, and a Final SFEIR is now ready for City Council consideration and certification.

Recommendation:

1) Conduct the public hearing regarding the Supplement to the Final Environmental Impact Report for the Dorsey Marketplace Project

2) Adopt Resolution No. 2024-66 certifying the updated Final Environmental Impact Report for the Dorsey Marketplace Project, thereby (i) determining that the deficiency in the Final EIR identified in the Modified Court of Appeal Opinion and Revised Judgment has been remedied, (ii) further determining that a new 2024 Final EIR, consisting of (a) the 2020 Final EIR, (b) the Draft FSEIR, and (c) responses to comments on the Draft FSEIR and related

corrections, is legally adequate under CEQA, and (iii) permitting the implementation of any and all previously suspended Project activities and Project Approvals, subject to authorization by the superior court

ADMINISTRATIVE

12. Main St Sealing And Striping – Authorize Bidding and Approve Design

    CEQA: Categorically Exempt – Section 15301 "Existing Facilities"

    Recommendation: That Council 1) approve the findings that the project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA); 2) provide direction to Staff on several design proposals; and 3) authorize the advertisement for bids.

13. Discussion on City Council Compensation

    CEQA: Not a Project

    Recommendation: That Council considers the information provided and provides direction to staff on how to proceed.

BRIEF REPORTS BY COUNCIL MEMBERS

CONTINUATION OF PUBLIC COMMENT

ADJOURN

POSTING NOTICE

This is to certify that the above notice of a meeting of The City Council, scheduled for Tuesday, September 10, 2024 at 6:00 PM was posted at city hall, easily accessible to the public, as of 5:00 p.m. Friday, September 6, 2024.

_____

Taylor Whittingslow, City Clerk

GRASS VALLEY

City Council Regular Meeting, Capital Improvements Authority and Redevelopment "Successor Agency"

Tuesday, August 13, 2024 at 6:00 PM
Council Chambers, Grass Valley City Hall | 125 East Main Street, Grass Valley, California
Telephone: (530) 274-4310 – Fax: (530) 274-4399
E-Mail: info@cityofgrassvalley.com Web Site: www.cityofgrassvalley.com

MINUTES

CALL TO ORDER

Meeting called to order at 6:03 pm.

PLEDGE OF ALLEGIANCE

Mayor Arbuckle led the pledge of allegiance.

ROLL CALL

PRESENT
Councilmember Bob Branstrom
Councilmember Haven Caravelli
Councilmember Tom Ivy
Vice Mayor Hilary Hodge
Mayor Jan Arbuckle

AGENDA APPROVAL -

Motion made to approve agenda as submitted by Councilmember Branstrom, Seconded by Councilmember Caravelli.
Voting Yea: Councilmember Branstrom, Councilmember Caravelli, Councilmember Ivy, Vice Mayor Hodge, Mayor Arbuckle

REPORT OUT OF CLOSED SESSION

Nothing to report.

INTRODUCTIONS AND PRESENTATIONS

PUBLIC COMMENT -

Public Speakers: #1-9 and Matthew Coulter.

CONSENT ITEMS -

Public Comment: Heather Haddock, Matthew Coulter

Motion made to approve consent as submitted by Councilmember Branstrom, Seconded by Vice Mayor Hodge.

Voting Yea: Councilmember Branstrom, Councilmember Caravelli, Councilmember Ivy, Vice Mayor Hodge, Mayor Arbuckle

1. Approval of the Regular Meeting Minutes of July 23, 2024.

   Recommendation: Council approve minutes as submitted.

2. Center For The Arts – Student Matinee Program Funding

   CEQA: Exempt – Not a Project

   Recommendation: That Council 1) review the attached proposal; 2) approve the $16,000 in Special Project funding for this program; and 3) Authorize the Finance Director to make any necessary budget transfers and/or amendments to fund the Student Matinee Program.

3. Continuation of 20% Water Conservation from all City Customers Due to inoperable Drum and South Yuba Canals

   CEQA: Not a Project.

   Recommendation: That Council continue the mandate of all City Water Customers to conserve 20% of their normal water usage.

4. **Grass Valley Police Officer's Association – July 1, 2024 – June 30, 2026**

   CEQA: Not a project

   Recommendation: Adopt Resolution No. 2024-60 approving the Labor Memorandum of Understanding for a two year period beginning July 1, 2024, through June 30, 2026, between the City of Grass Valley and City of Grass Valley and the Grass Valley Police Officer's Association (Unit 6).

5. Appointment of Councilmember's for the Measure B Oversight Committee

   CEQA: Not a Project

ITEMS REMOVED FROM CONSENT CALENDAR FOR DISCUSSION OR SEPARATE ACTION AND / OR ANY ADDED AGENDA ITEMS

REORGANIZATION RELATED ITEMS

PUBLIC HEARING

6. Appeal of the Planning Commission's denial of Use Permit applications for an exception to the multifamily covered parking requirement established in Section 17.36.040, Table 3-3 of the City of Grass Valley Municipal Code.

   Recommendation: Based upon the evidence in the public record, and the Planning Commission's 3:1 denial, staff recommends that the City Council take one of the following actions:

   Option 1) Uphold the Planning Commission's denial of Use Permit applications 24PLN-0008, -0009, and -0010; a) Deny the appeal and uphold the Planning Commission's denial of the Use Permit applications for a reduction in covered parking requirements; b)Determine the proposed projects at 210 Sutton Way (24PLN-0008), 265 Sutton Way (24PLN-0009), and 228 Sutton Way (24PLN-0010) exempt pursuant to Section 15061(b)(3) of the California Environmental Quality Act (CEQA) and Guidelines, as detailed in the attached June 18, 2024 Planning Commission Staff Report; c) Uphold

the Planning Commission's finding for denial of the Use Permits, that "insufficient quantitative evidence was provided to document a need for a reduction of the covered parking standard;" and, d) Deny the Use Permits as presented in this Staff Report.

Option #2) Overturn the Planning Commission's denial of Use Permit applications 24PLN-0008, -0009, and -0010; a) Uphold the appeal and overturn the Planning Commission's denial of the Use Permit applications for a reduction in covered parking requirements; b) Determine the proposed projects at 210 Sutton Way (24PLN-0008), 265 Sutton Way (24PLN-0009), and 228 Sutton Way (24PLN-0010) exempt pursuant to Section 15061(b)(3) of the California Environmental Quality Act (CEQA) and Guidelines, as detailed in the attached June 18, 2024 Planning Commission Staff Report; c) Adopt Findings of Fact as detailed in the June 18, 2024 Planning Commission Staff Report for approval of the Use Permits as presented in the Staff Report; and, d) Approve the Use Permits as presented in this Staff Report.

Option #3) Continue the appeal of Use Permit applications 24PLN-0008, -0009, and -0010 for additional information to be provided

Lucy Rollins, Senior Planner, gave an overview of the appeal to the Council. Representatives from Cascade Housing also gave a presentation to the council.

The council had questions regarding insurance, FEMA grants, what is affordable housing, tax credits,

Public Comment: Matthew Coulter

The council directs staff to continue the item until September 24th or another publicly noticed meeting date.

ADMINISTRATIVE

7. Main St Sealing And Striping – Authorize Bidding and Approve Design

CEQA: Categorically Exempt – Section 15301 "Existing Facilities"

Recommendation: That Council 1) approve the findings that the project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA); 2) provide direction to Staff on several design proposals; and 3) authorize the advertisement for bids.

Bjorn Jones, City Engineer, gave a presentation to the Council.

The council discussed whether the merchants had been notified, the flashing light trial for the month of September, the removal of the crosswalk, and the implications of shortening parking spaces.

Public Comment: Robin Davis, Emily, Matthew Coulter

The council discussed the timeline and added back the green zone on Main Street, as requested. The council requested more outreach and to bring back the item at the next council meeting.

BRIEF REPORTS BY COUNCIL MEMBERS

Councilmember Ivy has nothing to report. Councilmember Branstrom attended the McKnight Shopping Center ceremony and participated in the Fair. Councilmember Caravelli attended the ERC meeting and the opening ceremony at the Fair. Vice Mayor Hodge participated at

the Fair and 70th Birthday Celebration for Terry Brown. Mayor Arbuckle attended opening day at the Fair, National Night Out, Hope for Nevada County, McKnight Crossing event.

CONTINUATION OF PUBLIC COMMENT

ADJOURN

Meeting adjourned at 8:22 pm.

_____ _____

Jan Arbuckle, Mayor **Taylor Whittingslow, City Clerk**

Adopted on: _____

GRASS VALLEY
Special City Council Meeting

Thursday, August 22, 2024 at 6:30 PM
Council Chambers, Grass Valley City Hall | 125 East Main Street, Grass Valley, California
Telephone: (530) 274-4310 – Fax: (530) 274-4399
E-Mail: info@cityofgrassvalley.com Web Site: www.cityofgrassvalley.com

MINUTES

CALL TO ORDER

The meeting was called to order at 6:33 pm.

PLEDGE OF ALLEGIANCE

Mayor Arbuckle led the pledge of allegiance.

ROLL CALL

PRESENT
Councilmember Bob Branstrom
Councilmember Haven Caravelli
Councilmember Tom Ivy
Vice Mayor Hilary Hodge
Mayor Jan Arbuckle

AGENDA APPROVAL -

Motion to approve agenda as submitted by Vice Mayor Hodge, Seconded by Councilmember Branstrom.
Voting Yea: Councilmember Branstrom, Councilmember Caravelli, Councilmember Ivy, Vice Mayor Hodge, Mayor Arbuckle

REPORT OUT OF CLOSED SESSION

No closed session.

INTRODUCTIONS AND PRESENTATIONS

1. Update on the recent Fire

PUBLIC COMMENT -

Virtual Public Comment attached.

In-person public comment: Speakers #1-17 and Matthew Coulter.

CONSENT ITEMS -

Public Comment: Unknown, unknown, Brenda English, Robin Davis, Matthew Coulter

Motion made to accept consent as submitted by Vice Mayor Hodge, Seconded by Councilmember Branstrom.

Voting Yea: Councilmember Branstrom, Councilmember Caravelli, Councilmember Ivy, Vice Mayor Hodge, Mayor Arbuckle

2. Grass Valley Management & Supervisory Professional & Confidential Employees – Unit 1 – Memorandum of Understanding for July 1, 2024 – December 31, 2025,

   CEQA: Not a project

   Recommendation: Adopt Resolution No. 2024-64 approving the Labor Memorandum of Understanding for an eighteen (18) month period beginning July 1, 2024, through December 31, 2025, between the City of Grass Valley and the Grass Valley Management / Supervisory Professional & Confidential Employees Group (Unit 1).

3. International Union of Operating Engineers, Stationery Engineers, Local 39 Memorandum of Understanding – Unit #2 (General Employees) and Unit #3 (Office Technical Employees) – July 1, 2024 – June 30, 2027

   CEQA: Not a Project

   Recommendation: Adopt Resolution No. 2024-64 & 2024-63 approving the Labor Memorandum of Understanding for a 3-year period beginning July 1, 2024, through June 30, 2027, between the City of Grass Valley and the International Union of Operating Engineers, Stationery Engineers, Local 39 (Unit 2 and Unit 3).

4. Appointment of Mayor Arbuckle as the voting delegate and Council Member Branstorm as alternate for the League of California Cities 2024 Annual Conference meeting

   CEQA: Not a Project

   Recommendation: That Council appoints Mayor Arbuckle as the voting and Council Member Branstorm as the alternate for the 2024 League Annual Conference on October 16-18, 2024.

5. Procurement and installation of open space surveillance cameras for Memorial Park, Condon Park, & Elisabeth Daniels Park, funded by BSCC Proposition 64 Grant

   CEQA: Not a Project

   Recommendation: (1) The Council approve procurement and installation of open space surveillance cameras for Memorial Park, Condon, Par, & Elisabeth Daniels Park funded by Prop 64 grant funds, pursuant to the attached GSA Contract scope of work agreements; (2) authorize the City Manager to sign necessary agreements, subject to legal review; and (3) direct the Finance Director to make appropriate budget adjustments and payments as may be necessary

ITEMS REMOVED FROM CONSENT CALENDAR FOR DISCUSSION OR SEPARATE ACTION AND / OR ANY ADDED AGENDA ITEMS

PUBLIC HEARING

6. Conduit financing for the Eskaton Properties, Incorporated Project

   CEQA: The project is exempt from review under the California Environmental Quality Act (CEQA) by the "common sense" rule that CEQA applies only to projects which have the potential for causing a significant effect on the environment.

   Recommendation: That council 1) Conduct the public hearing under the requirements of Tax and Equity Fiscal Responsibility Act (TEFRA) and the Internal Revenue Code of

1986, as amended (the "Code"). 2) Adopt Resolution No. 2024-65 approving the issuance of the Bonds by the California Municipal Finance Authority (CMFA) for the benefit of Eskaton Properties, Incorporated, a nonprofit, public benefit corporation organized and existing under the laws of the State of California and an organization described in section 501(c)(3) of the Code (the "Borrower"), to provide for the financing of the Project, such adoption is solely for the purposes of satisfying the requirements of TEFRA, the Code and the California Government Code Section 6500 (and following).

Public Comment: Unknown, unknown, Brenda English, Robin Davis, Matthew Coulter

Motion made to accept consent as submitted by 1) Conduct the public hearing under the requirements of Tax and Equity Fiscal Responsibility Act (TEFRA) and the Internal Revenue Code of 1986, as amended (the "Code"). 2) Adopt Resolution No. 2024-65 approving the issuance of the Bonds by the California Municipal Finance Authority (CMFA) for the benefit of Eskaton Properties, Incorporated, a nonprofit, public benefit corporation organized and existing under the laws of the State of California and an organization described in section 501(c)(3) of the Code (the "Borrower"), to provide for the financing of the Project, such adoption is solely for the purposes of satisfying the requirements of TEFRA, the Code and the California Government Code Section 6500 (and following) by Councilmember Ivy, Seconded by Vice Mayor Hodge.
Voting Yea: Councilmember Branstrom, Councilmember Caravelli, Councilmember Ivy, Vice Mayor Hodge, Mayor Arbuckle

ADMINISTRATIVE

7. Main St Sealing And Striping – Authorize Bidding and Approve Design

CEQA: Categorically Exempt – Section 15301 "Existing Facilities"

Recommendation: That Council 1) approve the findings that the project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA); 2) provide direction to Staff on several design proposals; and 3) authorize the advertisement for bids.

Bjorn Jones, City Engineer, gave an overview of the revised plans.

Public Comment: Jon Moser, Denny Silberstein, Jacob McDonald, Rico Stevenses, Jon McDonald, Robin Davis, Matthew Coulter

Motion to continue item and for staff to comeback with a proposal of a center cross walk and the first design to compare by Councilmember Ivy, Seconded by Councilmember Caravelli.
Voting Yea: Councilmember Branstrom, Councilmember Caravelli, Councilmember Ivy, Vice Mayor Hodge, Mayor Arbuckle

8. Approve a portion of the Measure B expenditures and the associated initial Expenditure Plan for Fiscal Year 2024/25.

CEQA: Not a Project.

Recommendation: That Council 1) review the proposed initial expenditure plan confirmed by the Citizen Oversite Committee for Measure B; 2) approve the

expenditure plan; 3) approve any necessary budget transfers or amendments to the Fiscal Year 2024/25 Budget to implement the approved portion of the Expenditure Plan funding; 4) authorize the City Manager to move forward with implementing the proposed expenditure plan in accordance with City requirements.

Tim Kiser, City Manager, gave an overview to the council.

Public comment: Matthew Coulter

Motion to review the proposed initial expenditure plan confirmed by the Citizen Oversite Committee for Measure B; 2) approve the expenditure plan; 3) approve any necessary budget transfers or amendments to the Fiscal Year 2024/25 Budget to implement the approved portion of the Expenditure Plan funding; 4) authorize the City Manager to move forward with implementing the proposed expenditure plan in accordance with City requirements Councilmember Caravelli, Seconded by Councilmember Branstrom.
Voting Yea: Councilmember Branstrom, Councilmember Caravelli, Councilmember Ivy, Vice Mayor Hodge, Mayor Arbuckle

BRIEF REPORTS BY COUNCIL MEMBERS

Councilmember Caravelli had a meeting with the District 3 supervisor, attended an ERC meeting, Day of the Dead meeting, and congratulations to the Police Officers who were pinned, and thanked the Police and Fire for their response in the recent fire. Councilmember Ivy attended the monthly Wolf Creek Watershed monitoring. Councilmember Branstrom participated in the Gold Country Senior Services Grand Opening. Vice Mayor Hodge attended the Planning event for the International Women's day event and the Gold Miners Inn Mixer. Mayor Arbuckle attended the Mayor Manager Meeting, was on KNCO with Supervisor Heidi Hall regarding fire insurance, Monday with the Mayor, meeting with District 3 Supervisor, the Badge Pinning ceremony, and announcing the 9/11 event.

ADJOURN

The meeting adjourned at 9:26 pm.

_____ _____

Jan Arbuckle, Mayor **Taylor Whittingslow, City Clerk**

Adopted on: _____

8/22/24

CITY OF GRASS VALLEY CITY COUNCIL MEETING

GENERAL PUBLIC COMMENT SIGN IN SHEET

WELCOME to the City of Grass Valley City Council meeting! Public Comments provide an opportunity for the public to address the City Council on any subject which is not on the agenda but in the jurisdiction of the council. If you wish to speak, please indicate in the appropriate box when you sign in and take the number corresponding to your name. Each individual can have up to 3 minutes of public comment. At the beginning of the meeting, there will be an allotted 30 minutes of general public comments and the remainder of comments will be heard at the end of the agenda. Speakers will be called in order of the numbers given.

When you are recognized by the mayor:

1. Please stand before the podium and give your name and address. (optional)
2. Please limit your comments to three minutes per speaker.
3. If previous speakers have made the same point, you may simply indicate your support or disagreement, unless you have new information.

Thank you for your participation.

#'s	Print Name or N/A	Address (optional)	Self/Business (optional)
1	Brenda ~~Hannah~~ English		
2	Ingrid ~~Brenda~~ ~~English~~ Peterson		
3	Jenn Bender		
4	Shirley Osgood	GV	
5	Robin Davis	GVDA	CHAMBER/GVDA
6	world Revolution		
7	Janet Delgado		
8	Patty Tinus	GV	
9	Tamay Gregerson	GV	
10	DENISE THOMAS	GV	
11	Alecia Morales	80121	80 Fallen Leaf
12	Keren Ram		Self Law
~~13~~	Jon Moser		Clock Tower Records
14	~~[illegible]~~		

#'s	Print Name or N/A	Address (optional)	Self/Business (optional)
15	n/a	GV	
16	Zach	GV	
17	Charlie	GV	
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Taylor Day

From: Liz [redacted]
Sent: Thursday, August 22, 2024 5:00 PM
To: Public Comments

> You don't often get email from [redacted]. Learn why this is important

Hi, it's Liz, and I'm still a Grass Valley resident. I was so disappointed to find out that the meeting had been moved to today. I have not missed a single meeting in over seven months, but I'm sure you guys had a very good reason. I'm writing to ask for a ceasefire resolution to be put on the agenda (as usual). The majority of voters on both sides of the aisle want a ceasefire, and the majority of voters also want to stop funding Israel. You guys have an opportunity to be on the right side of history. I am asking you to align yourselves with the many other cities that have already called for a ceasefire and the 153 other countries and countless organizations, including Human Rights Wash, Amnesty International, Oxfam, and Doctors Without Borders, and call for an end to this. Israel is currently facing charges of genocide at the International Court of Justice, the highest court in the world, and we are still supplying them with the arms to do it. It's time to tell our politicians that this is enough, and that we do not support what they are doing with our money. We do not support the slaughter of the civilian population in Gaza. Please put a ceasefire on the agenda.
On a local level, I would also like to mention something about the unhoused folks in our area. I want to remind you that they are our neighbors, and they are people just like everyone else. Generalizing unhoused people is harmful for everyone and will continue the system of Dehumanization that they already face. Homelessness will be solved with affordable housing, emergency shelters, and, in some cases, mental health facilities with longer than 72-hour care, Not sweeps and criminalization.

Thank you

Sent from Mail for Windows

Taylor Day

From: Emily Rangel [redacted]
Sent: Thursday, August 22, 2024 4:12 PM
To: Public Comments
Subject: Main Street Resurfacing

You don't often get email from [redacted]. Learn why this is important

Madame Mayor and Esteemed Council,

Thank you for your service to our community. Thank you for your time and care with this agenda item. I greatly appreciate more time being allowed for this to be commented on by the businesses that it will affect. I was able to share this information with many neighbors. Worryingly, only one of the neighbors I spoke with had heard about this project (but had not seen the email). For future projects that directly impact businesses, I wonder if there isn't a better way to inform the merchants, other than email? We get quite a few emails from the GVDA, and one this important can, and did in many cases, get lost in the shuffle. It is in everyone's best interest to work together during planning major infrastructure changes. As business owners, we offer a unique and valuable perspective. We spend a considerable amount of time at our storefronts. We see the daily heartbeat of downtown. These are our "second homes". Some of us spend more time here than in our actual homes. These businesses are how we put food on our tables and pay for new shoes for our children. We are heavily invested. Would council be willing to consider creating a procedure for the City to follow for similar future events? Something that includes human-to-human contact, with conversation would be mutually beneficial. At least offering a hard copy of the project, and how businesses can be involved/considered in the planning including dates and times. This has the potential greatly improve relationships downtown with minimal cost.

I thank the City for being considerate of input from the community. This consideration is shown in the latest rendering of the intersection at Mill and Main from the City. Thank you for listening to my concerns. I believe the reduction to one crosswalk at the intersection will make this a far safer entrance and exit to the pedestrian pavilion. Thank you also, for changing the construction timeline to after the holidays. This was much appreciated by myself and many of my neighbors, as this season is crucial for the survival of our businesses. I look forward to many safer crossings.

Thank you for your time,
Emily Rangel
Owner, Moms & Minis

Taylor Day

From: Aria Griffis [redacted]
Sent: Thursday, August 22, 2024 3:16 PM
To: Public Comments
Subject: Current crosswalk proposals

You don't often get email from [redacted]. Learn why this is important

To whom it may concern,

When looking at the current proposal for crosswalks on West Main Street, it is drastically different than what I once was expecting. The current plan is not ideal for businesses on the far side of West Main. There will be a significant extended path of travel for a customer to get to this side, depending on where they are. Taking out the crosswalk at the light makes it so the pedestrian has to cross south Auburn twice just to get to the other side. This makes no sense?? For example, if I was shopping at Marley Lane(in the old Swenson's building) and noticed that I wanted to get across the street. I would go to the corner, wait for a light to cross So. Auburn then wait on the corner to cross East Main, then wait at that corner to cross back over So. Auburn again. This is very disruptive to the natural flow of traffic. I have had a shop in Downtown Grass Valley for 15 years and notice the flow of traffic on a daily basis and this will not have a positive impact for customers getting through the door of West Main Store fronts. I have already been affected very negatively by the parklette in front of Pete's and my store, Make Local Habit. I don't agree with the proposed changes and hope that you take business owners and community members considerations and opinions seriously when making final decisions.

Aria Griffis
Owner at Make Local Habit
[redacted]

Taylor Day

From: karllanquisthotrods [redacted]
Sent: Thursday, August 22, 2024 3:22 PM
To: Public Comments
Subject: Main Street Modifications

You don't often get email fro m [redacted] Learn why this is important

As a worker/manager of Clock Tower Records for 13 years the intersection in front of the store before the closure of Mill Street was dangerous. I've lots track throughout the years of people getting hit by cars, or families running with baby strollers to not get hit by cars. Now with the possibilities of only having one crosswalk is going to cause more issues of clogging up the intersection with people only being able to cross in one area, and having traffic stopped in front of Clock Tower Records. In addition going to cause pedestrians on Mill Street to competly stop and not cross to shop on Main Street. It's just really going to be a mess, and inconsiderate of any of the business on Main Street!

Karl Lanquist, Clock Tower Records

Sent via the Samsung Galaxy S22 5G, an AT&T 5G smartphone

Taylor Day

From: WIRELESS CALLER - Voicemail box 8880 <noreply@voicemail.goto.com>
Sent: Thursday, August 22, 2024 3:01 PM
To: Public Comments
Subject: Voicemail from [redacted] on Aug 22 2024 2:58 PM
Attachments: 1724363883-0000080b.mp3

You received a new voicemail message

New voicemail message

Time: Thursday, August 22 2024 2:58 PM

From: [redacted]

Duration: 1 minute 30 seconds

Voicemail box: 8880

Transcript: Hi, I'm a grass valley resident of over 30 years a mom to a bunch of little kids and someone who wants the best for grass valley I don't know if you guys get off of Mill Street often But it appears if you don't the homeless issue is becoming more obvious by the day I challenge you to take your kids or grandkids to Memorial Park The parking lot by the playground speaks for itself Walk along Wolf Creek Trail and find people in the bushes doing who knows what two places that a lot welcoming by the day, especially for someone with little kids. The Brunswick and Sutton area is such a blatant disaster as you know. The police and fire resources that are used in that area are exhausting and 100% avoidable if you guys would start addressing real issues. It seems as if both City Council and City Management has done a wonderful job at making insignificant things appear significant to make it look like you're doing something for the city. The city manager makes $400 ,000 a year. City council wants to potentially start getting paid more and receive health benefits, all the while taking zero ownership for a valley that negatively affect everyone. Flip side, that cost of

living adjustment this last year, yet place a very high burden on them and their resources. No one likes to take responsibility when things go wrong. However, I challenge you all to take a step back and collectively get your priorities straight for the sake of Grass Valley and your legacy as public servants in this city. Thank you.

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Taylor Day

From: TOM DOAN [redacted]
Sent: Wednesday, August 21, 2024 5:19 PM
To: Public Comments
Subject: From Country Wood Furniture re crossing

You don't often get email from [redacted]. Learn why this is important

Hi Tim,
This is Shoshana @ Country Wood Funriture respoonding to the crosswalk changes proposal sent out to merchants on 8-20-24.

We, as a buiness are strongly in favor of leaving the current arrangement of the 2 crosswalks as they stand. This gives a clear sense of connection and cohesion, from Mill Street to Main Street as a downtown. We also feel that the markings for the crosswalks should standout WAY more. This is even more vital due to the fact that there is always blinding sun for both morning and evening traffic!

Thank-you for your willingness to balance these concerns into the next chapter of progress for our downtown!

Sincerely, Shoshana & Tom Doan

Country Wood Furniture 116 W. Main St. Grass Valley, CA 95945 [redacted]

Taylor Day

From: HOUGESEN ELISE - Voicemail box 8880 <noreply@voicemail.goto.com>
Sent: Wednesday, August 21, 2024 4:15 PM
To: Public Comments
Subject: Voicemail from [redacted] on Aug 21 2024 4:10 PM
Attachments: 1724281854-000011ff.mp3

You received a new voicemail message

New voicemail message

Time: Wednesday, August 21 2024 4:10 PM

From: [redacted]

Duration: 3 minutes 6 seconds

Voicemail box: 8880

Transcript: Hi, my name is Christopher Finstad, F-I-N-S-T-A-D, and I'm a resident at 418 Oak Street here in Grass Valley at Memorial Park between Central Avenue and Colfax Avenue. My comment is for the meeting of Thursday the 22nd, the special meeting that begins at 6.30 p.m. The comment regards the surveillance cameras and installation of them at Memorial Park. The suggestion for what activities I've seen across the past 30 plus years here and having been retired or out of work, retired since 2008 and out of work since 1996 predominantly, my exposure to the park suggests that drug distribution, drug activity, people, minors, alcohol consumption, largely is contained and concentrated at the bleachers to the less EVA field. So installation of cameras would appear to do the most good there. With nighttime cameras, maybe having motion activated sensors for people who typically sleep on the bleachers at the announcer's box area, and I would suggest considering a light half court on the basketball court that's motion activated. People have been showing up, they've been playing basketball, they've been using headlamps from their cars,

And I think that would, it's not necessarily teams, but individuals, especially as a consideration to the climate and the heat during daytime hours. Both use at pickleball courts and basketball courts go out of use with the heat. And of course, people come out with their dogs walking near midnight after 11 p.m. when games have ended. So I don't think it's unreasonable to request that a motion-activated lighting system just at least for half court at the basketball court near the clock would satisfy illumination and reduce potential risk for people who decide to make use of it for ultimate fighting championships or confrontations or territorial disputes as there's been somewhat of an inclination toward in how people have been treated for using the park.

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Taylor Day

From: WIRELESS CALLER - Voicemail box 8880 <noreply@voicemail.goto.com>
Sent: Wednesday, August 21, 2024 4:07 PM
To: Public Comments
Subject: Voicemail from [redacted] on Aug 21 2024 4:04 PM
Attachments: 1724281496-000011ee.mp3

You received a new voicemail message

New voicemail message

Time: Wednesday, August 21 2024 4:04 PM

From: ([redacted]

Duration: 38 seconds

Voicemail box: 8880

Transcript: Hello, I live across from Martino Park and I am against the proposal to cut down the forested area in the back to develop a farm even though it's a worthy cause. I take a walk there every day and I love seeing the trees. They also provide food and shelter for animals and shade for human beings so definitely against that part of it. If you need to contact me, my phone number is [redacted]. Thank you.

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Taylor Day

From: ZUEHLKE J SAM - Voicemail box 8880 <noreply@voicemail.goto.com>
Sent: Wednesday, August 21, 2024 1:45 PM
To: Public Comments
Subject: Voicemail from [redacted] on Aug 21 2024 1:40 PM
Attachments: 1724272856-00000fef.mp3

You received a new voicemail message

New voicemail message

Time: Wednesday, August 21 2024 1:40 PM

From: [redacted]

Duration: 2 minutes 20 seconds

Voicemail box: 8880

Transcript: All right, this is Julius Zelke Jr. I'm at 11812 Alta Vista Avenue. I'm the last house on that street on the left-hand side. And I am the person that would be most affected by cutting down the trees. My fence line goes to the park. And this is such a bad idea. Certainly, I believe the greenbelt, the beautiful trees that everybody walks around and mostly by, I believe they're grandfathered in and there certainly couldn't be a building put there. My view is looking out and seeing all these beautiful oak trees and the animals and the wonderful people that walk by and wave at me every day. I'm not a real good speaker, so I'll just say, please don't do this. And, you know, you couldn't put a building out. If you put a building, you're going to have to do all kinds of things, and greenhouses, and think of the fencing you're going to have to do. You've got $60 ,000 to give to these people, let them use it somewhere else. I mean, you've got $60 ,000, but one of your trees in the area is dead and right next to one of my trees on my side of the fence. The weeds were five feet high, now they're finally falling, but I mean, I'm living next to a tinderbox. The only time it gets fixed is when you hire a

young guy to go out there and weed-whip the edges of the park. It sounds like a good idea, but not there. Certainly not for me and like all the people that walk in the park and use the trees as shade when walking, especially the older ones. Okay. Thank you very much.

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Taylor Day

From: HOUGESEN ELISE - Voicemail box 8880 <noreply@voicemail.goto.com>
Sent: Wednesday, August 21, 2024 8:53 AM
To: Public Comments
Subject: Voicemail from [redacted] on Aug 21 2024 8:50 AM
Attachments: 1724255450-00000b22.mp3

You received a new voicemail message

New voicemail message

Time: Wednesday, August 21 2024 8:50 AM

From: [redacted]

Duration: 1 minute 12 seconds

Voicemail box: 8880

Transcript: Yes, my name is Elisa Hokeson. I live 418 Oak Street, Grass Valley, across from Memorial Park ball field. And I've lived here 33 years. So mentioning for the meeting tomorrow about cameras, I would suggest having cameras on the bleachers and the ball field, because that's where people will take their dogs occasionally and where people sleep. And sometimes there's problems there at the bleacher area, so if you're thinking about adding more cameras, I would suggest that. I haven't noticed since the park's been improved much, much crime, but of course I can't see to where the veterans' place is, but around the entrance and things, there's little going on, but mainly, mainly the ball field and the bleacher area, especially the bleacher area. Okay. Thank you. My number is [redacted]. Bye.

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Taylor Day

From: Laura Zieman [redacted]
Sent: Tuesday, August 20, 2024 5:34 PM
To: Public Comments; lisa.swarthout@nevadacountyca.gov
Subject: questions for Special City Council Meeting 8/22/24, and Board of Supervisor Honorable Lisa Swarthout

You don't often get email from [redacted] Learn why this is important

Question - What is the responsibility of property owners to clear their properties of past fire damage?

10344 Centennial Drive
009-550-037-000 APN

AND 10350 Centennial Drive
APN 009-550-038-000

Site is also known homeless camp(s). Gates are broken. Large logs have been pushed aside. Vehicles are accessing the property from Centennial Drive. Trash abundant. Recent GVPD report of dog hit on road then left for dead by the homeless owner. What is the responsibility of the owner to prevent trespassers that pose a risk to the Community at large?

Similar question related to PG & E Property at the corner of Rough & Ready Highway, Adams Avenue, and Ridge Road. What is property owners responsibility to keep weeds and debris cleared?
Parcel address nor APN number shows for the property on County Citizen available records via Tax Assessor Adjacent to 11613 Rough and Ready Highway 007-111-018-000.
and the school at 007-200-009-000
10085 Adam Avenue

Laura A. Zieman
[redacted]

Taylor Day

From: Anonymous - Voicemail box 8880 <noreply@voicemail.goto.com>
Sent: Tuesday, August 20, 2024 3:36 PM
To: Public Comments
Subject: Voicemail from Anonymous at Anonymous on Aug 20 2024 3:32 PM
Attachments: 1724193126-00000946.mp3

You received a new voicemail message

New voicemail message

Time: Tuesday, August 20 2024 3:32 PM

From: Anonymous Anonymous

Duration: 2 minutes 27 seconds

Voicemail box: 8880

Transcript: Yes, my name is Lynn St. Jacques. I'm a longtime resident of Cedar Park Apartments on Sutton Way in Grass Valley. And Cambridge Management Company can well afford to replace the awnings, the carports, which were a health and safety issue. Our lighting was also embedded in the carports. we've been without lighting since the snowstorm as well. The parking lot is unlit, and it's unsafe. Since COVID, the management company has embarked on a program where they raise rents several times within a year. Most residents thought that the rental increases would be limited to a certain percentage a year or a certain number of rental increases. But Cambridge doesn't seem to agree with that, and people have had their rent increased, you know, every couple of months to the point where a lot of people have moved because their budgets just, you know, you move in thinking your rent's going to be one amount, and in months later it goes up a couple hundred dollars a month, that doesn't work for families. So, you know, my position is watching the company deteriorate, you know, after COVID. It seems like they discovered that, you know, they

could get away with providing less and they can't keep tenants and they can't, well, the tenants mostly they can keep because there's such a housing shortage, but the turnover in maintenance staff is just incredible. So their business practices are such that it's, you know, it's not a benefit to employees or tenants, either one, and I believe that they can easily afford to replace those carports, which are essential for health and safety. So, I hope you can do something about that. Thank you. Goodbye. END

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Taylor Day

From: Daun Langston [redacted]
Sent: Friday, August 16, 2024 10:15 PM
To: Public Comments
Subject: Main crosswalk at South Auburn

You don't often get email from [redacted] Learn why this is important

I understand the situation with the crosswalk, but 3 out of 5 crossing in the morning of August 16, '24 from 8A-11A crossed traveling from Carolyns Coffee and headed to the Holbrook crossing on Main using the crosswalk you want to remove.

I know it is much more expensive to add an additional channel to the traffic controller for a controlled right turn signal. You should use the controlled intersection and not barriers to protect pedestrians in a foot traffic intensive intersection.

I truly appreciate cost efficiency but as you recall good traffic engineering suggest it is safer to accommodate pedestrians in a heavy foot traffic core and not force pedestrians to use three cross walks instead of the shortest path. Folks being on foot, pedestrians will ignore traffic barriers and walk around them. Your safety issue will get worse, not better.

I support your effort to squeeze more parking locations.

I designed the first computer-controlled traffic system adaptive controller installed in Saratoga California in 1968 while working for Intel as a proof of technology project for California Department of Transportation and Econolite Systems. Econolite launched a commercial adaptative silicon controller in 1971.

Previously, adaptive controllers made by Econolite were mechanical based devices adapted from timers made by Eaton originally designed for Whirlpool washing machines.

I am not a traffic engineer but hold a retired PE.

Daun
[redacted]

Taylor Day

From: [redacted]
Sent: Thursday, August 15, 2024 9:52 PM
To: Public Comments
Subject: Proposed pedestrian closure of Main Street on west side of South Auburn Street

[You don't often get email from [redacted] Learn why this is important at https://aka.ms/LearnAboutSenderIdentification]

I love Grass Valley's walkability. The pedestrian crosswalk that you are proposing to eliminate is essential to enjoying the restaurants, City Hall, and other business within two blocks of that area. Please keep the Main Street pedestrian access on the westerly side of South Auburn open to pedestrian traffic . It is essential for compliance with Grass Valley's 2018 Strategic Plan.

If there have been frightening instances between drivers and pedestrians, drivers need better signage, signaling, paint colors or whatever, but do not close pedestrian traffic. That would hurt local businesses, tourists and residents. And maybe pedestrians also need better traffic signaling and warning signs.

Thank you for considering my comments.

Garnet Holden
416 Eskaton Circle
GV 95945
[redacted]
Sent from my iPhone

Taylor Day

From: Virginia Whitehead [redacted]
Sent: Wednesday, August 14, 2024 10:21 AM
To: Public Comments
Subject: Appreciation and Praise

You don't often get email from [redacted] Learn why this is important

Hello,
My name is Virginia Whitehead and I live at 100 Bawden Ave. I am the President of the Washington Hill Neighborhood Fire Coalition. Our neighborhood is located on the hill above downtown.

The objective of this correspondence is twofold.

First, to commend City Staff, City Council, Chief Buttron and the GV Fire Department.

Second, to share what our neighborhood FireWise Community has accomplished this year.

The front office staff at the city are consistently polite and responsive to my questions and concerns. There are signs that Investigations are being processed and home owners are responding by doing the work.

Thank You to All who worked out the design and passage of Measure B

Thank You to Chief Buttron for passing on the information regarding BerryHill Canyon and other planned Measure B projects. Very helpful!!

Thank You to the City, County, and Waste Management for the 2 free green waste roll-offs!

Our accomplishments include filling the 2 free roll-off containers plus 3 more paid for by our coalition. That alone was 250 cubic yards of fuel (green waste) removed from our neighborhood.

A $3600.00 mini-grant from Sierra Business Council covered the cost of creating a shaded fuel break directly benefiting 9 homes. Again massive amounts of fuel were removed.

Hilltop Commons Retirement Facility has completed their maintenance which includes a shaded fuel break behind a number of our homes and improved roadside clearance along Eureka St.

The neighbors tell me work is continuing in the BerryHill Canyon and I am assuming that is the start of our Measure B projects. That canyon has long been a worry for our Hill St. residents.

The residents of Washington Hill will continue to make improvements around our homes and neighborhood.

Thanks to All for your support!
Virginia Whitehead

Taylor Day

From: Liz [redacted]
Sent: Thursday, August 22, 2024 5:00 PM
To: Public Comments

> You don't often get email from [redacted]. Learn why this is important

Hi, it's Liz, and I'm still a Grass Valley resident. I was so disappointed to find out that the meeting had been moved to today. I have not missed a single meeting in over seven months, but I'm sure you guys had a very good reason. I'm writing to ask for a ceasefire resolution to be put on the agenda (as usual). The majority of voters on both sides of the aisle want a ceasefire, and the majority of voters also want to stop funding Israel. You guys have an opportunity to be on the right side of history. I am asking you to align yourselves with the many other cities that have already called for a ceasefire and the 153 other countries and countless organizations, including Human Rights Wash, Amnesty International, Oxfam, and Doctors Without Borders, and call for an end to this. Israel is currently facing charges of genocide at the International Court of Justice, the highest court in the world, and we are still supplying them with the arms to do it. It's time to tell our politicians that this is enough, and that we do not support what they are doing with our money. We do not support the slaughter of the civilian population in Gaza. Please put a ceasefire on the agenda.
On a local level, I would also like to mention something about the unhoused folks in our area. I want to remind you that they are our neighbors, and they are people just like everyone else. Generalizing unhoused people is harmful for everyone and will continue the system of Dehumanization that they already face. Homelessness will be solved with affordable housing, emergency shelters, and, in some cases, mental health facilities with longer than 72-hour care, Not sweeps and criminalization.

Thank you

Sent from Mail for Windows

City of Grass Valley
City Council
Agenda Action Sheet

Title: Conflict of Interest Code Update

CEQA: Not a project

Recommendation: That Council approve the City Manager signing of the City of Grass Valley Biennial Notice and adopt the 2024 Conflict of Interest Code and corresponding Resolution 2024-68 approving changes to the code.

Prepared by: Taylor Day, Deputy City Manager

Council Meeting Date: 09/10/2024 **Date Prepared:** 09/05/2024

Agenda: Consent

Background Information: The City last updated its Conflict of Interest Code in March 2020. The Political Reform Act requires every local agency to review its Conflict of Interest Code biennially to ensure it is accurate and/or to determine if it needs to be amended. Once a determination has been made a notice must be submitted to the code reviewing body. Attached is the Biennial Notice of Review showing that it has been determined that the following revisions are necessary to the Conflict of Interest Code:

- Add Deputy City Manager (added)
- Add City Planner position (added)
- Add Senior Planner (added)
- Add Deputy Public Works Director (added)

Council Goals/Objectives: N/A

Fiscal Impact: N/A

Funds Available: N/A **Account #:** N/A

Reviewed by: City Manager

Attachments:
- R2024-68
- Revised Conflict of Interest Code

RESOLUTION NO. 2024-68

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GRASS VALLEY UPDATING THE CITY'S CONFLICT OF INTEREST CODE, AMENDING EXHIBIT "A" OF RESOLUTION NO. 2022-54 ADOPTED JUNE 28, 2022, AND AUTHORIZING EXECUTION OF THE 2024 LOCAL AGENCY BIENNIAL NOTICE.

WHEREAS, California Government Code §87300 requires that every City adopt and promulgate a Conflict of Interest Code; and

WHEREAS, in 1990 Government Code Section 87306.5 was added to the Political Reform Act requiring every local agency's code reviewing body to review its Conflict of Interest Code and to either amend said code if necessary or report that no such amendment is necessary; and

WHEREAS, Deputy City Manager, City Planner, Senior Planner, and Deputy Public Works Director have reviewed its Conflict of Interest Code and have determined that changes have occurred within the agency which warrant an amendment to the code.

NOW THEREFORE, BE IT RESOLVED by the City Council of Grass Valley as follows:

1. The above recitals are true and correct.

2. The Council authorizes the execution of the 2024 Local Agency Biennial Notice.

3. That pursuant to Government Code Section 87300 et. Seq. The City Council of Grass Valley adopts the amendments to the Conflict of Interest Code attached here to as Exhibit "A" by adding Deputy City Manager, City Planner, Senior Planner, and Deputy Public Works Director

4. That the Conflict of Interest Code adopts and incorporates by reference Cal Code of Regulations, section 18730 and its amendments thereby standardizing the City's Conflict of Interest Code.

5. That said Conflict of Interest Code continues to consist of two (2) parts;
   a) the body of the code contains basic provisions required by section 87300 such as the manner of reporting financial interests, the procedure for filing statements of economic interest, and the method to be used by designated position when they are required to disqualify themselves from participating in decision; and
   b) the appendix to said code continues to list those designated positions within the City of Grass Valley and the corresponding disclosure categories for each.

ADOPTED as a Resolution of the Council of the City of Grass Valley at a meeting thereof held on the 10th day of September 2024 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAINING

_____
Jan Arbuckle, Mayor

ATTEST: _____
Taylor Whittingslow, City Clerk

APPROVED AS TO FORM:

_____
Michael Colantuono, City Attorney

CONFLICT OF INTEREST CODE
FOR THE
CITY OF GRASS VALLEY

SECTION 1: Conflict of Interest Code – Adopted 6/28/2022

The Political Reform Act, Government Code Section 8100, et. seq., requires state and local government agencies to adopt and promulgate Conflict of Interest Codes. The Fair Political Practices Commission has adopted a regulation, 2 Cal. Code of Regs. Section 18730, which contains the terms of a standard Conflict of Interest Code which can be incorporated by reference and may be amended by the Fair Political Practices Commission to conform to amendments in the Political Reform Act after public notice and hearings. Therefore, the terms of 2 Cal Code of Regs. Section 18730 and any amendments to it duly adopted by the Fair Political Practices Commission are hereby incorporated by reference and, along with the attached Appendix A in which officials and employees are designated and Appendix B in which disclosure categories are set forth, constitute the Conflict of Interest Code of the city of Grass Valley, which is considered by "agency" within the purview of this code. The Conflict of Interest Code of the City of Grass Valley previously in effect will conform to this newly adopted code.

SECTION 2: Same-Statements

Designated employees shall file statement of economic interests with the City Clerk, who shall be and performs the duties of filing officer for the City of Grass Valley, the Successor Agency to the Redevelopment Agency of the City of Grass Valley.

SECTION 3: Savings Clause

Any change provided for in this Conflict of Interest Code shall not affect or excuse any offense or act committed or done or omission of any penalty for forfeiture incurred or accruing under any other conflict of interest code; nor shall it affect any prosecution, suit, or proceeding pending or any judgment rendered in connection with any other conflict of interest code.

(Regulations of the Fair Political Practices Commission, Title 2, Division 6, California Code of Regulations.)

ATTACHMENT A

§ 18730. Provisions of Conflict of Interest Codes.

(a) Incorporation by reference of the terms of this regulation along with the designation of employees and the formulation of disclosure categories in the Appendix referred to below constitute the adoption and promulgation of a conflict of interest code within the meaning of Section 87300 or the amendment of a conflict of interest code within the meaning of Section 87306

if the terms of this regulation are substituted for terms of a conflict of interest code already in effect. A code so amended or adopted and promulgated requires the reporting of reportable items in a manner substantially equivalent to the requirements of article 2 of chapter 7 of the Political Reform Act, Sections 81000, et seq. The requirements of a conflict of interest code are in addition to other requirements of the Political Reform Act, such as the general prohibition against conflicts of interest contained in Section 87100, and to other state or local laws pertaining to conflicts of interest.

(b) The terms of a conflict of interest code amended or adopted and promulgated pursuant to this regulation are as follows:

(1) Section 1. Definitions.

The definitions contained in the Political Reform Act of 1974, regulations of the Fair Political Practices Commission (Regulations 18110, et seq.), and any amendments to the Act or regulations, are incorporated by reference into this conflict of interest code.

(2) Section 2. Designated Employees.

The persons holding positions listed in the Appendix are designated employees. It has been determined that these persons make or participate in the making of decisions which may foreseeably have a material effect on economic interests.

(3) Section 3. Disclosure Categories.

This code does not establish any disclosure obligation for those designated employees who are also specified in Section 87200 if they are designated in this code in that same capacity or if the geographical jurisdiction of this agency is the same as or is wholly included within the jurisdiction in which those persons must report their economic interests pursuant to article 2 of chapter 7 of the Political Reform Act, Sections 87200, et seq. In addition, this code does not establish any disclosure obligation for any designated employees who are designated in a conflict of interest code for another agency, if all of the following apply:

(A) The geographical jurisdiction of this agency is the same as or is wholly included within the jurisdiction of the other agency;
(B) The disclosure assigned in the code of the other agency is the same as that required under article 2 of chapter 7 of the Political Reform Act, Section 87200; and
(C) The filing officer is the same for both agencies.

Such persons are covered by this code for disqualification purposes only. With respect to all other designated employees, the disclosure categories set forth in the Appendix specify which kinds of economic interests are reportable. Such a designated employee shall disclose in his or her statement of economic interests those economic interests he or she has which are of the kind described in the disclosure categories to which he or she is assigned in the Appendix. It has been determined that the economic interests set forth in a designated employee's disclosure categories 3 are the kinds of economic interests which he or she foreseeably can affect materially through the conduct of his or her office.

(4) Section 4. Statements of Economic Interests: Place of Filing. The code reviewing body shall instruct all designated employees within its code to file statements of economic interests with the agency or with the code reviewing body, as provided by the code reviewing body in the agency's conflict of interest code.

(5) Section 5. Statements of Economic Interests: Time of Filing.

(A) Initial Statements. All designated employees employed by the agency on the effective date of this code, as originally adopted, promulgated and approved by the code reviewing body, shall file statements within 30 days after the effective date of this code. Thereafter, each person already in a position when it is designated by an amendment to this code shall file an initial statement within 30 days after the effective date of the amendment.
(B) Assuming Office Statements. All persons assuming designated positions after the effective date of this code shall file statements within 30 days after assuming the designated positions, or if subject to State Senate confirmation, 30 days after being nominated or appointed.
(C) Annual Statements. All designated employees shall file statements no later than April 1. If a person reports for military service as defined in the Servicemember's Civil Relief Act, the deadline for the annual statement of economic interests is 30 days following his or her return to office, provided the person, or someone authorized to represent the person's interests, notifies the filing officer in writing prior to the applicable filing deadline that he or she is subject to that federal statute and is unable to meet the applicable deadline, and provides the filing officer verification of his or her military status.
(D) Leaving Office Statements. All persons who leave designated positions shall file statements within 30 days after leaving office.

(5.5) Section 5.5. Statements for Persons Who Resign Prior to Assuming Office.

Any person who resigns within 12 months of initial appointment, or within 30 days of the date of notice provided by the filing officer to file an assuming office statement, is not deemed to have assumed office or left office, provided he or she did not make or participate in the making of, or use his or her position to influence any decision and did not receive or become entitled to receive any form of payment as a result of his or her appointment. Such persons shall not file either an assuming or leaving office statement.

(A) Any person who resigns a position within 30 days of the date of a notice from the filing officer shall do both of the following:

(1) File a written resignation with the appointing power; and
(2) File a written statement with the filing officer declaring under penalty of perjury that during the period between appointment and resignation he or she did not make, participate in the making, or use the position to

influence any decision of the agency or receive, or become entitled to receive, any form of payment by virtue of being appointed to the position.

(6) Section 6. Contents of and Period Covered by Statements of Economic Interests.

(A) Contents of Initial Statements.
Initial statements shall disclose any reportable investments, interests in real property and business positions held on the effective date of the code and income received during the 12 months prior to the effective date of the code.

(B) Contents of Assuming Office Statements.
Assuming office statements shall disclose any reportable investments, interests in real property and business positions held on the date of assuming office or, if subject to State Senate confirmation or appointment, on the date of nomination, and income received during the 12 months prior to the date of assuming office or the date of being appointed or nominated, respectively.

(C) Contents of Annual Statements. Annual statements shall disclose any reportable investments, interests in real property, income and business positions held or received during the previous calendar year provided, however, that the period covered by an employee's first annual statement shall begin on the effective date of the code or the date of assuming office whichever is later, or for a board or commission member subject to Section 87302.6, the day after the closing date of the most recent statement filed by the member pursuant to Regulation 18754.

(D) Contents of Leaving Office Statements.
Leaving office statements shall disclose reportable investments, interests in real property, income and business positions held or received during the period between the closing date of the last statement filed and the date of leaving office.

(7) Section 7. Manner of Reporting.
Statements of economic interests shall be made on forms prescribed by the Fair Political Practices Commission and supplied by the agency, and shall contain the following information:

(A) Investment and Real Property Disclosure. When an investment or an interest in real property is required to be reported, the statement shall contain the following:

1. A statement of the nature of the investment or interest;
2. The name of the business entity in which each investment is held, and a general description of the business activity in which the business entity is engaged;
3. The address or other precise location of the real property;
4. A statement whether the fair market value of the investment or interest in real property equals or exceeds $2,000, exceeds $10,000, exceeds $100,000, or exceeds $1,000,000.

(B) Personal Income Disclosure. When personal income is required to be reported,5 the statement shall contain:

1. The name and address of each source of income aggregating $500 or

more in value, or $50 or more in value if the income was a gift, and a general description of the business activity, if any, of each source;

2. A statement whether the aggregate value of income from each source, or in the case of a loan, the highest amount owed to each source, was $1,000 or less, greater than $1,000, greater than $10,000, or greater than $100,000;
3. A description of the consideration, if any, for which the income was received;
4. In the case of a gift, the name, address and business activity of the donor and any intermediary through which the gift was made; a description of the gift; the amount or value of the gift; and the date on which the gift was received;
5. In the case of a loan, the annual interest rate and the security, if any, given for the loan and the term of the loan.

(C) Business Entity Income Disclosure. When income of a business entity, including income of a sole proprietorship, is required to be reported,6 the statement shall contain:

1. The name, address, and a general description of the business activity of the business entity;
2. The name of every person from whom the business entity received payments if the filer's pro rata share of gross receipts from such person was equal to or greater than $10,000.

(D) Business Position Disclosure. When business positions are required to be
reported, a designated employee shall list the name and address of each business entity in which he or she is a director, officer, partner, trustee, employee, or in which he or she holds any position of management, a description of the business activity in which the business entity is engaged, and the designated employee's position with the business entity.

(E) Acquisition or Disposal During Reporting Period. In the case of an annual or leaving office statement, if an investment or an interest in real property was partially or wholly acquired or disposed of during the period covered by the statement, the statement shall contain the date of acquisition or disposal.

<u>(8) Section 8. Prohibition on Receipt of Honoraria</u>.

(A) No member of a state board or commission, and no designated employee of a state or local government agency, shall accept any honorarium from any source, if the member or employee would be required to report the receipt of income or gifts from that source on his or her statement of economic interests.

(B) This section shall not apply to any part-time member of the governing board of any public institution of higher education, unless the member is also an elected official.

(C) Subdivisions (a), (b), and (c) of Section 89501 shall apply to the prohibitions in this section.

(D) This section shall not limit or prohibit payments, advances, or reimbursements for travel and related lodging and subsistence authorized by Section 89506.

(8.1) Section 8.1. Prohibition on Receipt of Gifts in Excess of $500.

(A) No member of a state board or commission, and no designated employee of a state or local government agency, shall accept gifts with a total value of more than $500 in a calendar year from any single source, if the member or employee would be required to report the receipt of income or gifts from that source on his or her statement of economic interests.
(B) This section shall not apply to any part-time member of the governing board of any public institution of higher education, unless the member is also an elected official.
(C) Subdivisions (e), (f), and (g) of Section 89503 shall apply to the prohibitions in this section.

(8.2) Section 8.2. Loans to Public Officials.

(A) No elected officer of a state or local government agency shall, from the date of his or her election to office through the date that he or she vacates office, receive a personal loan from any officer, employee, member, or consultant of the state or local government agency in which the elected officer holds office or over which the elected officer's agency has direction and control.
(B) No public official who is exempt from the state civil service system pursuant to subdivisions (c), (d), (e), (f), and (g) of Section 4 of Article VII of the Constitution shall, while he or she holds office, receive a personal loan from any officer, employee, member, or consultant of the state or local government agency in which the public official holds office or over which the public official's agency has direction and control. This subdivision shall not apply to loans made to a public official whose duties are solely secretarial, clerical, or manual.
(C) No elected officer of a state or local government agency shall, from the date of his or her election to office through the date that he or she vacates office, receive a personal loan from any person who has a contract with the state or local government agency to which that elected officer has been elected or over which that elected officer's agency has direction and control. This subdivision shall not apply to loans made by banks or other financial institutions or to any indebtedness created as part of a retail installment or credit card transaction, if the loan is made or the indebtedness created in the lender's regular course of business on terms available to members of the public without regard to the elected officer's official status.
(D) No public official who is exempt from the state civil service system pursuant to subdivisions (c), (d), (e), (f), and (g) of Section 4 of Article VII of the Constitution shall, while he or she holds office, receive a personal loan from any person who has a contract with the state or local government agency to which that elected officer has been elected or over which that elected officer's agency has direction and control. This subdivision shall not apply to loans made by banks or other financial institutions or to any indebtedness created as part of a retail installment or credit card transaction, if the loan is made or the indebtedness created in the lender's regular course of business on terms available to members of

the public without regard to the elected officer's official status. This subdivision shall not apply to loans made to a public official whose duties are solely secretarial, clerical, or manual.

(E) This section shall not apply to the following:

1. Loans made to the campaign committee of an elected officer or candidate
for elective office.
2. Loans made by a public official's spouse, child, parent, grandparent, grandchild, brother, sister, parent-in-law, brother-in-law, sister-in-law, nephew, niece, aunt, uncle, or first cousin, or the spouse of any such persons, provided that the person making the loan is not acting as an agent or intermediary for any person not otherwise exempted under this section.
3. Loans from a person which, in the aggregate, do not exceed $500 at any
given time.
4. Loans made, or offered in writing, before January 1, 1998.

(8.3) Section 8.3. Loan Terms.

(A) Except as set forth in subdivision (B), no elected officer of a state or local government agency shall, from the date of his or her election to office through the date he or she vacates office, receive a personal loan of $500 or more, except when the loan is in writing and clearly states the terms of the loan, including the parties to the loan agreement, date of the loan, amount of the loan, term of the loan, date or dates when payments shall be due on the loan and the amount of the payments, and the rate of interest paid on the loan.

(B) This section shall not apply to the following types of loans:

1. Loans made to the campaign committee of the elected officer.
2. Loans made to the elected officer by his or her spouse, child, parent, grandparent, grandchild, brother, sister, parent-in-law, brother-in-law, sister-in-law, nephew, niece, aunt, uncle, or first cousin, or the spouse of any such person, provided that the person making the loan is not acting as an agent or intermediary for any person not otherwise exempted under this section.
3. Loans made, or offered in writing, before January 1, 1998.

(C) Nothing in this section shall exempt any person from any other provision of Title 9 of the Government Code.

(8.4) Section 8.4. Personal Loans.

(A) Except as set forth in subdivision (B), a personal loan received by any designated employee shall become a gift to the designated employee for the purposes of this section in the following circumstances:

1. If the loan has a defined date or dates for repayment, when the statute of
limitations for filing an action for default has expired.

2. If the loan has no defined date or dates for repayment, when one year has
elapsed from the later of the following:
a. The date the loan was made.
b. The date the last payment of $100 or more was made on the loan.
c. The date upon which the debtor has made payments on the loan aggregating to less than $250 during the previous 12 months.

(B) This section shall not apply to the following types of loans:

1. A loan made to the campaign committee of an elected officer or a candidate for elective office.
2. A loan that would otherwise not be a gift as defined in this title.
3. A loan that would otherwise be a gift as set forth under subdivision (A), but
on which the creditor has taken reasonable action to collect the balance due.
2. A loan that would otherwise be a gift as set forth under subdivision (A), but
on which the creditor, based on reasonable business considerations, has not undertaken collection action. Except in a criminal action, a creditor who claims that a loan is not a gift on the basis of this paragraph has the burden of proving that the decision for not taking collection action was based on reasonable business considerations.
3. A loan made to a debtor who has filed for bankruptcy and the loan is ultimately discharged in bankruptcy.

(C) Nothing in this section shall exempt any person from any other provisions of Title 9 of the Government Code.

<u>(9) Section 9. Disqualification.</u>

No designated employee shall make, participate in making, or in any way attempt to use his or her official position to influence the making of any governmental decision which he or she knows or has reason to know will have a reasonably foreseeable material financial effect, distinguishable from its effect on the public generally, on the official or a member of his or her immediate family or on:

(A) Any business entity in which the designated employee has a direct or indirect investment worth $2,000 or more;
(B) Any real property in which the designated employee has a direct or indirect interest worth $2,000 or more;
(C) Any source of income, other than gifts and other than loans by a commercial lending institution in the regular course of business on terms available to the public without regard to official status, aggregating $500 or more in value provided to, received by or promised to the designated employee within 12 months prior to the time when the decision is made;
(D) Any business entity in which the designated employee is a director, officer, partner, trustee, employee, or holds any position of management; or

(E) Any donor of, or any intermediary or agent for a donor of, a gift or gifts aggregating $500 or more provided to, received by, or promised to the designated employee within 12 months prior to the time when the decision is made.

(9.3) Section 9.3. Legally Required Participation.

No designated employee shall be prevented from making or participating in the making of any decision to the extent his or her participation is legally required for the decision to be made. The 13 fact that the vote of a designated employee who is on a voting body is needed to break a tie does not make his or her participation legally required for purposes of this section.

(9.5) Section 9.5. Disqualification of State Officers and Employees.

In addition to the general disqualification provisions of section 9, no state administrative official shall make, participate in making, or use his or her official position to influence any governmental decision directly relating to any contract where the state administrative official knows or has reason to know that any party to the contract is a person with whom the state administrative official, or any member of his or her immediate family has, within 12 months prior to the time when the official action is to be taken:

(A) Engaged in a business transaction or transactions on terms not available to members of the public, regarding any investment or interest in real property; or
(B) Engaged in a business transaction or transactions on terms not available to members of the public regarding the rendering of goods or services totaling in value $1,000 or more.

(10) Section 10. Disclosure of Disqualifying Interest.

When a designated employee determines that he or she should not make a governmental decision because he or she has a disqualifying interest in it, the determination not to act may be accompanied by disclosure of the disqualifying interest.

(11) Section 11. Assistance of the Commission and Counsel.
Any designated employee who is unsure of his or her duties under this code may request assistance from the Fair Political Practices Commission pursuant to Section 83114 and Regulations 18329 and 18329.5 or from the attorney for his or her agency, provided that nothing in this section requires the attorney for the agency to issue any formal or informal opinion.

(12) Section 12. Violations.

This code has the force and effect of law. Designated employees violating any provision of this code are subject to the administrative, criminal and civil sanctions provided in the Political Reform Act, Sections 81000-91014. In addition, a decision in relation to which a violation of the disqualification

provisions of this code or of Section 87100 or 87450 has occurred may be set aside as void pursuant to Section 91003.

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Designated employees who are required to file statements of economic interests under any other agency's conflict of interest code, or under article 2 for a different jurisdiction, may expand their statement of economic interests to cover reportable interests in both jurisdictions, and file copies of this expanded statement with both entities in lieu of filing separate and distinct statements, provided that each copy of such expanded statement filed in place of an original is signed and verified by the designated employee as if it were an original. See Section 81004.

2 See Section 81010 and Regulation 18115 for the duties of filing officers and persons in agencies who make and retain copies of statements and forward the originals to the filing officer.

3 For the purpose of disclosure only (not disqualification), an interest in real property does not include the principal residence of the filer.

4 Investments and interests in real property which have a fair market value of less than $2,000 are not investments and interests in real property within the meaning of the Political Reform Act. However, investments or interests in real property of an individual include those held by the individual's spouse and dependent children as well as a pro rata share of any investment or interest in real property of any business entity or trust in which the individual, spouse and dependent children own, in the aggregate, a direct, indirect or beneficial interest of 10 percent or greater. 15

5 A designated employee's income includes his or her community property interest in the income of his or her spouse but does not include salary or reimbursement for expenses received from a state, local or federal government agency.

6 Income of a business entity is reportable if the direct, indirect or beneficial interest of the filer and the filer's spouse in the business entity aggregates a 10 percent or greater interest. In addition, the disclosure of persons who are clients or customers of a business entity is required only if the clients or customers are within one of the disclosure categories of the filer.

Note: Authority cited: Section 83112, Government Code. Reference: Sections 87103(e), 87300- 87302, 89501, 89502 and 89503, Government Code.

HISTORY

1. New section filed 4-2-80 as an emergency; effective upon filing (Register 80, No. 14). Certificate of Compliance included.
2. Editorial correction (Register 80, No. 29).
3. Amendment of subsection (b) filed 1-9-81; effective thirtieth day thereafter (Register 81, No. 2).
4. Amendment of subsection (b)(7)(B)1. filed 1-26-83; effective thirtieth day thereafter (Register 83, No. 5).
5. Amendment of subsection (b)(7)(A) filed 11-10-83; effective thirtieth day thereafter (Register 83, No. 46).
6. Amendment filed 4-13-87; operative 5-13-87 (Register 87, No. 16).
7. Amendment of subsection (b) filed 10-21-88; operative 11-20-88 (Register 88, No. 46).
8. Amendment of subsections (b)(8)(A) and (b)(8)(B) and numerous editorial changes filed 8-28- 90; operative 9-27-90 (Reg. 90, No. 42). 16

9. Amendment of subsections (b)(3), (b)(8) and renumbering of following subsections and amendment of Note filed 8-7-92; operative 9-7-92 (Register 92, No. 32).
10. Amendment of subsection (b)(5.5) and new subsections (b)(5.5)(A)-(A)(2) filed 2-4-93; operative 2-4-93 (Register 93, No. 6).
11. Change without regulatory effect adopting Conflict of Interest Code for California Mental Health Planning Council filed 11-22-93 pursuant to title 1, section 100, California Code of Regulations (Register 93, No. 48). Approved by Fair Political Practices Commission 9-21-93.
12. Change without regulatory effect redesignating Conflict of Interest Code for California Mental Health Planning Council as chapter 62, section 55100 filed 1-4-94 pursuant to title 1, section 100, California Code of Regulations (Register 94, No. 1).
13. Editorial correction adding History 11 and 12 and deleting duplicate section number (Register 94, No. 17).
14. Amendment of subsection (b)(8), designation of subsection (b)(8)(A), new subsection (b)(8)(B), and amendment of subsections (b)(8.1)-(b)(8.1)(B), (b)(9)(E) and Note filed 3-14-95; operative 3-14-95 pursuant to Government Code section 11343.4(d) (Register 95, No. 11).
15. Editorial correction inserting inadvertently omitted language in footnote 4 (Register 96, No. 13).
16. Amendment of subsections (b)(8)(A)-(B) and (b)(8.1)(A), repealer of subsection (b)(8.1)(B), and amendment of subsection (b)(12) filed 10-23-96; operative 10-23-96 pursuant to Government Code section 11343.4(d) (Register 96, No. 43).
17. Amendment of subsections (b)(8.1) and (9)(E) filed 4-9-97; operative 4-9-97 pursuant to Government Code section 11343.4(d) (Register 97, No. 15).
17
18. Amendment of subsections (b)(7)(B)5., new subsections (b)(8.2)-(b)(8.4)(C) and amendment of Note filed 8-24-98; operative 8-24-98 pursuant to Government Code section 11343.4(d) (Register 98, No. 35).
19. Editorial correction of subsection (a) (Register 98, No. 47).
20. Amendment of subsections (b)(8.1), (b)(8.1)(A) and (b)(9)(E) filed 5-11-99; operative 5-11- 99 pursuant to Government Code section 11343.4(d) (Register 99, No. 20).
21. Amendment of subsections (b)(8.1)-(b)(8.1)(A) and (b)(9)(E) filed 12-6-2000; operative 1-1- 2001 pursuant to the 1974 version of Government Code section 11380.2 and Title 2, California Code of Regulations, section 18312(d) and (e) (Register 2000, No. 49).
22. Amendment of subsections (b)(3) and (b)(10) filed 1-10-2001; operative 2-1-2001. Submitted to OAL for filing pursuant to Fair Political Practices Commission v. Office of Administrative Law, 3 Civil C010924, California Court of Appeal, Third Appellate District, nonpublished decision, April 27, 1992 (FPPC regulations only subject to 1974 Administrative Procedure Act rulemaking requirements) (Register 2001, No. 2).
23. Amendment of subsections (b)(7)(A)4., (b)(7)(B)1.-2., (b)(8.2)(E)3., (b)(9)(A)-(C) and footnote 4. filed 2-13-2001. Submitted to OAL for filing pursuant to Fair Political Practices Commission v. Office of Administrative Law, 3 Civil C010924, California Court of Appeal, Third Appellate District, nonpublished decision, April 27, 1992 (FPPC regulations only subject to 1974

Administrative Procedure Act rulemaking requirements) (Register 2001, No. 7).
24. Amendment of subsections (b)(8.1)-(b)(8.1)(A) filed 1-16-2003; operative 1-1-2003. Submitted to OAL for filing pursuant to Fair Political Practices Commission v. Office of Administrative Law, 3 Civil C010924, California Court of Appeal, Third Appellate District, 18 nonpublished decision, April 27, 1992 (FPPC regulations only subject to 1974 Administrative Procedure Act rulemaking requirements) (Register 2003, No. 3).
25. Editorial correction of History 24 (Register 2003, No. 12).
26. Editorial correction removing extraneous phrase in subsection (b)(9.5)(B) (Register 2004, No. 33).
27. Amendment of subsections (b)(2)-(3), (b)(3)(C), (b)(6)(C), (b)(8.1)-(b)(8.1)(A), (b)(9)(E) and (b)(11)-(12) filed 1-4-2005; operative 1-1-2005 pursuant to Government Code section 11343.4 (Register 2005, No. 1).
28. Amendment of subsection (b)(7)(A)4. filed 10-11-2005; operative 11-10-2005 (Register 2005, No. 41).
29. Amendment of subsections (a), (b)(1), (b)(3), (b)(8.1), (b)(8.1)(A) and (b)(9)(E) filed 12-18- 2006; operative 1-1-2007. Submitted to OAL pursuant to Fair Political Practices Commission v. Office of Administrative Law, 3 Civil C010924, California Court of Appeal, Third Appellate District, nonpublished decision, April 27, 1992 (FPPC regulations only subject to 1974 Administrative Procedure Act rulemaking requirements) (Register 2006, No. 51).
30. Amendment of subsections (b)(8.1)-(b)(8.1)(A) and (b)(9)(E) filed 10-31-2008; operative 11- 30-2008. Submitted to OAL for filing pursuant to Fair Political Practices Commission v. Office of Administrative Law, 3 Civil C010924, California Court of Appeal, Third Appellate District, nonpublished decision, April 27, 1992 (FPPC regulations only subject to 1974 Administrative Procedure Act rulemaking requirements and not subject to procedural or substantive review by OAL) (Register 2008, No. 44).
31. Amendment of section heading and section filed 11-15-2010; operative 12-15-2010. Submitted to OAL for filing pursuant to Fair Political Practices Commission v. Office of 19 Administrative Law, 3 Civil C010924, California Court of Appeal, Third Appellate District, nonpublished decision, April 27, 1992 (FPPC regulations only subject to 1974 Administrative Procedure Act rulemaking requirements and not subject to procedural or substantive review by OAL) (Register 2010, No. 47).
32. Amendment of section heading and subsections (a)-(b)(1), (b)(3)-(4), (b)(5)(C), (b)(8.1)- (b)(8.1)(A) and (b)(9)(E) and amendment of footnote 1 filed 1-8-2013; operative 2-7-2013. Submitted to OAL for filing pursuant to Fair Political Practices Commission v. Office of Administrative Law, 3 Civil C010924, California Court of Appeal, Third Appellate District, nonpublished decision, April 27, 1992 (FPPC regulations only subject to 1974 Administrative Procedure Act rulemaking requirements and not subject to procedural or substantive review by OAL) (Register 2013, No. 2).
33. Amendment of subsections (b)(8.1)-(b)(8.1)(A), (b)(8.2)(E)3. and (b)(9)(E) filed 12-15-2014; operative 1-1-2015 pursuant to section 18312(e)(1)(A), title 2, California Code of Regulations. Submitted to OAL for filing and printing pursuant to Fair Political Practices Commission v. Office of Administrative Law, 3 Civil C010924, California Court of Appeal, Third Appellate District, nonpublished decision, April 27, 1992 (FPPC regulations only subject to 1974

Administrative Procedure Act rulemaking requirements) (Register 2014, No. 51).
34. Redesignation of portions of subsection (b)(8)(A) as new subsections (b)(8)(B)-(D), amendment of subsections (b)(8.1)-(b)(8.1)(A), redesignation of portions of subsection (b)(8.1)(A) as new subsections (b)(8.1)(B)-(C) and amendment of subsection (b)(9)(E) filed 12- 1-2016; operative 12-31-2016 pursuant to Cal. Code Regs. tit. 2, section 18312(e). Submitted to OAL for filing pursuant to Fair Political Practices Commission v. Office of Administrative Law, 3 Civil C010924, California Court of Appeal, Third Appellate District, nonpublished decision, 20 April 27, 1992 (FPPC regulations only subject to 1974 Administrative Procedure Act rulemaking requirements and not subject to procedural or substantive review by OAL) (Register 2016, No. 49).
35. Amendment of subsections (b)(8.1)-(b)(8.1)(A) and (b)(9)(E) filed 12-12-2018; operative 1- 11-2019 pursuant to Cal. Code Regs., tit. 2, section 18312(e). Submitted to OAL for filing and printing pursuant to Fair Political Practices Commission v. Office of Administrative Law, 3 Civil C010924, California Court of Appeal, Third Appellate District, nonpublished decision, April 27, 1992 (FPPC regulations only subject to 1974 Administrative Procedure Act rulemaking requirements and not subject to procedural or substantive review by OAL) (Register 2018, No. 50).

APPENDIX "A"
City of Grass Valley
Conflict of Interest Code

LIST OF DESIGNATED POSITIONS

DEPARTMENT: ADMINISTRATION DATE: 06/28/2022

JOB TITLE	DISCLOSURE CATEGORY
City Administrator/City Manager	1
Deputy City Manager	1
City Clerk	1
Deputy City Clerk	1
City Attorney	1
Consultants*	1

*Consultants shall be included in the list of designated employees and shall disclose pursuant to the broadest disclosure category in the code subject to the following limitations:

The City Administrator or his/her designee may determine in writing that a particular consultant, although a "designated position", is hired to perform a range of duties that are limited in scope and thus is not required to fully comply with the disclosure requirements described in this section. Such written determination shall include a description of the consultant duties and, based upon that description, a statement of the extent of disclosure requirements. The City Administrator or his/her designee's determination is a public record and shall be retained for public inspection in the same manner and location as this conflict of interest code.

APPENDIX "A"
City of Grass Valley
Conflict of Interest Code

LIST OF DESIGNATED POSITIONS

DEPARTMENT: COMMUNITY DEVELOPMENT DATE: 06/28/2022

JOB TITLE	DISCLOSURE CATEGORY
Community Development Director	1
City Planner	1
Principal Planning	1
Senior Planner	1
Building Official	1
Consultants*	1

*Consultants shall be included in the list of designated employees and shall disclose pursuant to the broadest disclosure category in the code subject to the following limitations:

The City Administrator or his/her designee may determine in writing that a particular consultant, although a "designated position", is hired to perform a range of duties that are limited in scope and thus is not required to fully comply with the disclosure requirements described in this section. Such written determination shall include a description of the consultant duties and, based upon that description, a statement of the extent of disclosure requirements. The City Administrator or his/her designee's determination is a public record and shall be retained for public inspection in the same manner and location as this conflict of interest code.

APPENDIX "A"
City of Grass Valley
Conflict of Interest Code

LIST OF DESIGNATED POSITIONS

DEPARTMENT: FIRE DATE: 06/28/2022

JOB TITLE	DISCLOSURE CATEGORY
Fire Chief	1
Fire Marshall	2, 4, 22
Battalion Chief	2, 4, 14, 22
Consultants*	1

*Consultants shall be included in the list of designated employees and shall disclose pursuant to the broadest disclosure category in the code subject to the following limitations:

The City Administrator or his/her designee may determine in writing that a particular consultant, although a "designated position", is hired to perform a range of duties that are limited in scope and thus is not required to fully comply with the disclosure requirements described in this section. Such written determination shall include a description of the consultant duties and, based upon that description, a statement of the extent of disclosure requirements. The City Administrator or his/her designee's determination is a public record and shall be retained for public inspection in the same manner and location as this conflict of interest code.

APPENDIX "A"
City of Grass Valley
Conflict of Interest Code

LIST OF DESIGNATED POSITIONS

DEPARTMENT: POLICE DATE: 06/28/2022

JOB TITLE	DISCLOSURE CATEGORY
Police Chief	1
Deputy Police Chief	1
Captain	1
Consultants*	1

*Consultants shall be included in the list of designated employees and shall disclose pursuant to the broadest disclosure category in the code subject to the following limitations:

The City Administrator or his/her designee may determine in writing that a particular consultant, although a "designated position", is hired to perform a range of duties that are limited in scope and thus is not required to fully comply with the disclosure requirements described in this section. Such written determination shall include a description of the consultant duties and, based upon that description, a statement of the extent of disclosure requirements. The City Administrator or his/her designee's determination is a public record and shall be retained for public inspection in the same manner and location as this conflict of interest code.

APPENDIX "A"
City of Grass Valley
Conflict of Interest Code

LIST OF DESIGNATED POSITIONS

DEPARTMENT: FINANCE/ADMINISTRATIVE SERVICES DATE: 06/28/2022

JOB TITLE	DISCLOSURE CATEGORY
Administrative Services Director	1
Deputy Administrative Services	1
Consultants*	1

*Consultants shall be included in the list of designated employees and shall disclose pursuant to the broadest disclosure category in the code subject to the following limitations:

The City Administrator or his/her designee may determine in writing that a particular consultant, although a "designated position", is hired to perform a range of duties that are limited in scope and thus is not required to fully comply with the disclosure requirements described in this section. Such written determination shall include a description of the consultant duties and, based upon that description, a statement of the extent of disclosure requirements. The City Administrator or his/her designee's determination is a public record and shall be retained for public inspection in the same manner and location as this conflict of interest code.

APPENDIX "A"
City of Grass Valley
Conflict of Interest Code

LIST OF DESIGNATED POSITIONS

DEPARTMENT: PUBLIC WORKS/.ENGINEERING DATE: 06/28/2022

JOB TITLE	DISCLOSURE CATEGORY
Public Works Director of Operations	1
Deputy Public Works Director	1
City Engineer	1
Assistant City Engineer	1
Utilities Director	1
Utilities Superintendent/Chief Treatment Plant Operator	1
Senior Civil Engineer	1
Associate Civil Engineer	1
Consultants*	1

*Consultants shall be included in the list of designated employees and shall disclose pursuant to the broadest disclosure category in the code subject to the following limitations:

The City Administrator or his/her designee may determine in writing that a particular consultant, although a "designated position", is hired to perform a range of duties that are limited in scope and thus is not required to fully comply with the disclosure requirements described in this section. Such written determination shall include a description of the consultant duties and, based upon that description, a statement of the extent of disclosure requirements. The City Administrator or his/her designee's determination is a public record and shall be retained for public inspection in the same manner and location as this conflict of interest code.

APPENDIX B
MASTER LIST OF DISCLOSURE CATEGORIES
SPECIFICATION SHEET

REPORTABLE INVESTMENTS, INTERESTS IN REAL PROPERTY, AND INCOME AGENCIES OF THE CITY OF GRASS VALLEY

DEFINITION: "Unit" as used in this text means the particular department, board, commission, office or other entity using the disclosure category.

Disclosure Category

1. All investments and business positions in business entities, sources of income and interests in real property.

2. Investments and business positions in business entities, and all sources of income.

3. Interests in real property.

4. Investments and business positions in business entities, and sources of income from entities providing supplies, services, equipment of machinery of the type used by the designated employee's unit.

5. Investments and business positions in, and income from entities which are book outlets, vendors or providers of business services.

6. Investments and business positions in business entities and income from sources engaged in construction, building, or material supply.

7. Investments and business positions in business entities and income from sources which supply or manufacture solar energy systems.

8. Investments and business positions in business entities and income from sources engaged in construction or development.

9. Investments and business positions in, and income from sources engaged in the construction of public works projects.

10. Investments and business positions in business entities and income from construction companies involved in progress payments.

11. Investments and business positions in, and income from construction firms involved in construction projects subject to acceptance by the City Council.

12. Investments and business positions in business entities and income from business entities of the type to provide bids, supplies, vehicles and equipment.

13. Investments and business positions in, and income from entities which provide training, services or facilities of the type utilized by the City.

14. Investments and business positions in, and income from entities which provide services and supplies of the type used in emergency services coordination/training activities.

15. Investments and business positions in, and income from Union Pension Funds that may be affected by the outcome of negotiations involving monetary settlements and employer-employee memorandums.

16. Investments and business positions in, and income from entities providing medical services or facilities of the type used by the City.

17. Investments and business positions in, and income from business entities engaged in providing eye examinations and eyeglasses, including opticians, ophthalmologists, etc.

18. Investments and business positions in and income from business entities supplying or manufacturing electronic equipment, supplies or services of the type utilized by the employee's unit.

19. Investments and business positions in, and income from business entities providing supplies, services, equipment or machinery of the type used by the City.

20. Investments and business positions in, and income from employment agencies or entities which provide employment or pre-employment services. Services include testing, training, consulting, job classification studies and salary surveys.

21. Investments and business positions in, and income from business entities which are of the type to provide any of the various types of employee insurance coverage and/or actuarial services.

22. Investments and business positions in business entities, and income from sources which supply or manufacture firefighting equipment or supplies.

City of Grass Valley
City Council
Agenda Action Sheet

Title: Pioneer Community Energy JPA Amendment

CEQA: Not a project

Recommendation: Adopt a Resolution of the City of Grass Valley Approving the Revised Second Amended and Restated Joint Powers Agreement for Pioneer Community Energy

Prepared by: Taylor Day, Deputy City Manager

Council Meeting Date: 09/10/2024 **Date Prepared:** 09/05/2024

Agenda: Consent

Background:
Pioneer Community Energy ("Pioneer") is a Joint Powers Authority ("JPA") formed between the Counties of Placer and El Dorado, the Town of Loomis, and the Cities of Auburn, Colfax, Grass Valley, Lincoln, Nevada City, Placerville, and Rocklin. Pioneer is a Community Choice Aggregation Program ("CCA") authorized under Assembly Bill 117 (2002). The CCA provides local control over the electricity supply with a primary goal of providing stable and competitive electricity rates to the residents and businesses within its member jurisdictions. Pioneer purchases the electricity supply and Pacific Gas & Electric ("PG&E") transmits and delivers the power through PG&E's infrastructure (poles and wires). PG&E continues to own, operate, and maintain the distribution infrastructure. PG&E also continues to provide meter reading and billing services for Pioneer's customers.

At the January 18, 2024, the Pioneer Governing Board ("Board") meeting, the Board adopted resolution approving the Second Amended and Restated JPA for Pioneer. The bulk of the changes were clarifying or clerical in nature. The most substantive change was to Section 19, Amendment. The current process requires all amendments to the JPA be individually approved by each Voting Member resulting in complications and delays and the proposed language provided remedy by eliminating this requirement for certain amendments and allowing the Board to approve such amendments to the JPA with a two-thirds vote after providing notice to Voting Members.

Subsequently, at the March 12, 2024 City of Grass Valley Council meeting, the Council adopted all of the proposed amendments. However, the City of Rocklin and the Town of Loomis provided additional amendments for consideration:

- Section 14.A and B (Rocklin): relates to the process to withdraw from the JPA. The proposed amendment requires any change to this section to be approved by

the Voting Members and include Section 14.A and B in Section 19.

- Section 19 (Loomis): amended to provide forty-five (45) days written note to all Members of amendments to the JPA from the current thirty (30) days.
- Title Change: Change the title of the Executive Director to Chief Executive Officer.

At the June 20, 2024, Pioneer Board meeting, the Board approved the amendments provided by the Town of Loomis and the City of Rocklin and an administrative amendment related to the title change.

Due to the Second Amended and Restated JPA not unanimously approved, the adoption of the Resolution at the March 12, 2024, City of Grass Valley Council meeting, is not in effect. The Revised Second Amended and Restated JPA includes prior amendments approved at Pioneer's Board meeting on January 18th and June 20th.

The Pioneer Board is expected to execute the Revised Second Amended and Restated JPA at the September 19, 2024, Pioneer Board meeting.

Council Goals/Objectives: N/A

Fiscal Impact: There is no fiscal impact to the City of Grass Valley.

Funds Available: N/A **Account #:** N/A

Reviewed by: City Manager

Attachments:

1. R2024-69
2. Revised Second Amended and Restated Joint Exercise of Powers Agreement
3. Joint Powers Agreement Redline
4. Staff Report from June 20, 2024, Pioneer Community Energy Board Meeting

RESOLUTION NO. 2024-69

A RESOLUTION OF THE CITY COUNCIL OF GRASS VALLEY APPROVING THE REVISED SECOND AMENDED AND RESTATED JOINT EXERCISE OF POWERS AGREEMENT FOR PIONEER COMMUNITY ENERGY

WHEREAS, the Sierra Valley Energy Authority was established on September 9, 2015, between the County of Placer and the City of Colfax; and

WHEREAS, the Sierra Valley Energy Authority was originally created for the purpose of providing a financing conduit and program expansion platform for the mPOWER Program; and

WHEREAS, counties and cities have the power under California law to aggregate electric load, to purchase and supply electricity for themselves and customers within their jurisdictions, by providing a Community Choice Aggregation ("CCA") Program, pursuant to California Public Utilities Code Sections 331.1 and 366.2; and

WHEREAS, the Amended and Restated JPA allowed for the establishment of a Community Choice Aggregation Program within the jurisdictions of the Voting Members and authorized the Cities of Auburn, Lincoln, Rocklin, and the Town of Loomis to become Voting Members; and

WHEREAS, the Amended and Restated JPA became effective on February 22, 2017; and

WHEREAS, on July 17, 2017, the Governing Board of the Sierra Valley Energy Authority took action to rename and brand Sierra Valley Energy Authority as Pioneer Community Energy ("Pioneer"); and

WHEREAS, the Governing Board of Pioneer has since approved five amendments to the Amended and Restated JPA, which make certain changes and add new Voting Members to the JPA; and

WHEREAS, pursuant to Section 19 of the Amended and Restated JPA, the governing body of each Voting Member must individually approve amendments to the Amended and Restated JPA and thereafter the Governing Board of Pioneer ratifies the amendment; and

WHEREAS, individual approval of amendments by each Voting Member results in logistical complications and delays, which can be remedied by eliminating this requirement for certain amendments and allowing the Governing Board of Pioneer to approve such amendments to the JPA with a two-thirds vote after providing notice to the Voting Members; and

WHERAS, the Revised Second Amended and Restated JPA includes all amendments proposed in the Second Amended and Restated JPA; and

WHEREAS, the Revised Second Amended and Restated JPA includes additional amendments of (1) requiring any proposed amendments to

Member withdrawal (Section 14.A and B) will require Voting Member approval; (2) extend the notification period to Members of an upcoming amendment to the JPA from thirty (30) days to forty-five (45) days; and reflect the title change from Executive Director to Chief Executive Officer; and

WHEREAS, to these ends, the COUNCIL OF THE CITY OF GRASS VALLEY desires to approve the execution of the Revised Second Amended and Restated Joint Exercise of Powers Agreement for Pioneer Community Energy to incorporate the changes made by the previous amendments to the Amended and Restated JPA, clarify language, correct clerical errors, and streamline adoption of amendments to the JPA that no not directly impact the member agencies or change the nature of Pioneer or its powers.

NOW, THEREFORE, the COUNCIL OF GRASS VALLEY hereby resolves as follows:

Section 1. The recitals above are true and correct and are incorporated by this reference and constitute findings in this matter.

Section 2. The GRASS VALLEY CITY COUNCIL hereby approves the Revised Second Amended and Restated Joint Exercise of Powers Agreement for Pioneer Community Energy, in the form attached hereto as Exhibit "A," and authorizes and directs the Mayor to execute the Revised Second Amended and Restated Joint Exercise of Powers Agreement for Pioneer Community Energy in the name and on behalf of GRASS VALLEY.

Section 3. This Resolution shall take effect immediately upon its adoption.

Exhibit A: Revised Second Amended and Restated Joint Exercise of Powers Agreement.

ADOPTED as a Resolution of the Council of the City of Grass Valley at a meeting thereof held on the 10th day of September 2024 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAINING

_____
Jan Arbuckle, Mayor

ATTEST: _____
Taylor Whittingslow, City Clerk

APPROVED AS TO FORM:

_____
Michael Colantuono, City Attorney

REVISED

SECOND AMENDED AND RESTATED JOINT EXERCISE OF POWERS AGREEMENT FOR PIONEER COMMUNITY ENERGY

This Revised Second Amended and Restated Joint Exercise of Powers Agreement (hereafter "Agreement" or "Revised JPA") amends and restates the Amended and Restated Joint Exercise of Powers Agreement ("Amended and Restated JPA"), with the effective date of February 22, 2017, for PIONEER COMMUNITY ENERGY, (hereafter "Pioneer"), as amended and executed pursuant to Amendments No. 1 through 5, by and among the Voting Members (including the New Voting Members) and the Associate Members listed in Exhibit A to this Agreement, all public entities of the State of California who become signatories to this Agreement, and relates to the joint exercise of powers among all of the signatories hereto either as Voting Members or Associate Members (hereafter collectively referred to as the "Members").

RECITALS:

A. Whereas, each of the Members has a vested interest in the economic well-being of its respective jurisdiction and the region as a whole as well as energy efficiency and clean energy growth and development;

B. Whereas, the Members desire to enter into this Agreement to provide for local control of energy resources, the adoption of programs to foster economic development, energy efficiency, and resource conservation, and to further define and describe the scope of powers to be exercised by Pioneer;

C. Whereas, the Members share various powers under California law, including but not limited to the power to aggregate electric load, to purchase and supply electricity for themselves and customers within their jurisdictions, and the power to enter into voluntary contractual assessments with property owners to provide financing for the installation of public and private improvements authorized within their jurisdictions;

D. Whereas, the purposes for entering into this restated Agreement include, but are not limited to:

1) Providing electric power and other forms of energy to customers at a competitive cost;

2) Promoting long-term electric rate stability and energy security and reliability for residents through local control of electric generation resources and the overall power supply portfolio.

3) Carrying out programs to reduce energy consumption;

4) Stimulating and sustaining the local economy by developing local jobs in renewable energy; and

5) Reducing greenhouse gas emissions related to the use of electric power and other forms of energy in Placer County and neighboring regions;

E. Whereas, it is the intent of this Agreement to promote the development and use of a wide range of energy sources and energy efficiency programs, including but not limited to hydroelectric, biomass, landfill gas, conversion of waste-to-energy, solar, and wind energy production;

F. Whereas, Pacific Gas and Electric and Liberty Energy are the investor owned providers of retail electric service throughout the Voting Member jurisdictions and a Community Choice Aggregator is authorized to aggregate electrical load served by such investor owned providers within its members' jurisdiction. Each of the Voting Members must adopt an ordinance electing to implement through Pioneer a common Community Choice Aggregation pursuant to California Public Utilities Code Sections 331.1(b) and 366.2(12)(A).

G. Whereas, on September 9, 2015 the County of Placer and the City of Colfax entered into the original Joint Exercise of Powers Agreement for the purpose of establishing the Sierra Valley Energy Authority as a joint powers authority under the Joint Exercise of Powers Act, Government Code Section 6500, et seq.; and

H. Whereas, the Amended and Restated JPA became effective on February 22, 2017 and authorized the Cities of Auburn, Lincoln, Rocklin, and the Town of Loomis to become Voting Members of the Joint Exercise of Powers Agreement and established a Community Aggregation Program within the jurisdictions of the Voting Members; and

I. Whereas, Resolution No. 2017-3 of the Sierra Valley Energy Authority approved a name change from Sierra Valley Energy Authority to Pioneer Community Energy, as it is known today; and

J. Whereas, Amendment No. 1 to the Amended and Restated JPA, which was approved by the Governing Board on December 27, 2020 and became effective March 9, 2021, authorized the County of El Dorado and the City of Placerville to become Voting Members; and

K. Whereas, Amendments No. 2 through 4 to the Amended and Restated JPA made certain changes to the Amended and Restated JPA; and

L. Whereas, Amendment No. 5 to the Amended and Restated JPA, which was approved by the Governing Board on October 25, 2022 and became effective February 27, 2023, authorized the City of Nevada City and the City of Grass Valley as Voting Members; and

M. Whereas, on January 18, 2024, the Governing Board approved the Second Amended and Restated Joint Powers Agreement to clean-up and streamline the approval process for future amendments to the Agreement; and

N. Whereas, the Second Amended and Restated Joint Powers Agreement did not receive a unanimous vote of all of the governing bodies of the Voting Members;

O. Whereas, the Board of Directors wish to amend the proposed Second Amended and Restated Joint Powers Agreement approved by the Board of Directors on

January 18, 2024 to incorporated the requested amendments of the Voting Members.

NOW THEREFORE, in consideration of the mutual promises, covenants and conditions herein, the Members hereto agree to establish a joint powers authority as follows:

Section 1. Authority for this Joint Exercise of Powers Agreement

This Agreement is made pursuant to Chapter 5 of Division 7 of Title 1 of the Government Code of the State of California (commencing with Section 6500) relating to the joint exercise of power common to the counties and public agencies and other powers specified therein (hereinafter the "Act"). Under Sections 6505 and 6507 of the Act, Pioneer is a public agency separate from its Members. As provided by Section 6508.1 of the Act, and Section 12 hereof the debts, liabilities or obligations of Pioneer shall not be the debts, liabilities or obligations of the individual Members, unless the governing body of a Member agrees in writing to assume any of those debts, liabilities or obligations.

The Members are each empowered by the laws of the State of California to exercise, in their respective jurisdictions, the powers set forth herein, including but not limited to the power to aggregate electric load, to purchase and supply electricity for themselves and customers within their jurisdictions, and the power to enter into voluntary contractual assessments with properties owners for authorized improvements within their jurisdictions.

Section 2. Purpose of Agreement

The purpose of this Agreement is to establish an independent public agency in order to exercise powers common to the Members and other powers granted to Pioneer under the Act, to study, promote, develop, conduct, operate, and manage energy, energy efficiency and conservation, and other energy-related programs, to exercise all other powers necessary and incidental to accomplishing these purposes, and to provide a Community Choice Aggregation (hereinafter "CCA") Program, pursuant to California Public Utilities Code Sections 331.1 and 366.2, and as further described in Section 10.

Without limiting the generality of the foregoing, the Members also intend for this Agreement to be used as a mechanism by which Voting Members and non-voting Associate Members may authorize Pioneer to provide Property Assessed Clean Energy ("PACE") Programs pursuant to Chapter 29 of the Improvement Bond Act of 1911, Division 7 of the California Streets and Highways Code ("Chapter 29"). Pioneer may provide PACE Programs pursuant to Chapter 29 within the boundaries of each Voting Member as set forth in Section 10(C) herein, and within the boundaries of each non-voting Associate Member as set forth in Sections 16 herein. The Members intend that other agreements with Associate Members shall define the terms and conditions associated with the implementation of the CCA Program, the PACE Program, and any other energy programs approved by Pioneer within the territorial jurisdiction of such Associate Members.

Section 3. Effective Date and Term

This Agreement shall be effective as a revised second amendment and restatement of the Original Agreement, and Pioneer shall continue to exist as a separate public agency under the terms of this Agreement after approval and signature of the Revised Second Amended and Restated Agreement by all Voting Members. This Agreement shall be in full force and effect

until terminated in the manner herein provided, subject to the rights of the Members to withdraw from Pioneer.

Section 4. Powers

Pioneer shall have all powers common to the Members, and such additional powers accorded to it by law, including the power to develop and implement comprehensive energy and resource development and conservation programs, as described herein. Unless state or federal law provides otherwise, any facilities, buildings or structures located, constructed, or caused to be constructed by Pioneer within the territory of Pioneer shall comply with the General Plan, zoning and building laws of the local jurisdiction within which the facilities, buildings or structures are constructed and comply with the California Environmental Quality Act (CEQA). As required by Government Code Section 6509, the power of Pioneer is subject to the restrictions upon the manner of exercising power possessed by the City of Colfax.

Pioneer is authorized, in its own name, to exercise all powers and do all acts necessary and proper to carry out the provisions of this Agreement and fulfill its purposes, including, but not limited to, each of the following powers, subject to the voting requirements set forth in Section 5C and Section 8:

A. to make and enter into contracts;

B. to employ agents and employees, including but not limited to an Chief Executive Officer;

C. to acquire, contract, manage, maintain, and operate ally buildings, infrastructure, works, or improvements;

D. to acquire property by eminent domain, or otherwise, except as limited under Section 6508 of the Act, and to hold or dispose of any property;

E. to lease any property;

F. to sue and be sued in its own name;

G. to incur debts, liabilities, obligations and to issue bonds, and to make and enter into agreements and other documents of any nature whatsoever as may be necessary or convenient in the exercise of the powers provided under the Marks-Roos Local Bond Pooling Act of 1985, as amended, and other provisions of California law that authorize public agencies to issue bonds and incur indebtedness, including but not limited to loans from private lending sources pursuant to its temporary borrowing powers such as Government Code Sections 53850 et. seq.;

H. to form subsidiary or independent corporations or entities, if necessary to carry out energy supply and energy conservation programs and to take advantage of legislative or regulatory changes;

I. to deposit its money pursuant to Section 6505.5 of the Act and to invest its money which is not required for the immediate use of Pioneer, as Pioneer determines is

advisable in the same manner and upon the same conditions as local agencies, pursuant to Section 53635 of the California Government Code;

J. to apply for, accept, and receive all licenses, permits, grants, loans or other aids from any federal, state, or local public agency;

K. to submit documentation and notices, register, and comply with orders, tariffs and agreements for the establishment and implementation of the CCA Program and other energy programs;

L. to adopt rules, regulations, policies, bylaws and procedures governing the operation of Pioneer ("Operating Rules and Regulations");

M. to establish and operate a CCA program, and make and enter into service agreements relating to the provision of services necessary to plan, implement, operate and administer the CCA Program, including the acquisition of electric power supply and the provision of retail and regulatory support services;

N. to establish and operate one or more PACE programs pursuant to Chapter 29, and to enter into one or more agreements, including without limitation, participation agreements, implementation agreements and joint powers agreements and amendments thereto to fulfill such programs both within and outside the jurisdictional boundaries of Pioneer;

O. to establish a non-voting "Associate Member" status that provides membership in Pioneer to jurisdictions that are outside jurisdictional boundaries of Pioneer's Voting Members, but within whose boundaries a PACE, CCA, or other energy program is established and implemented by Pioneer on behalf of the Associate Member. Said jurisdictions shall adopt one or more agreements (a "PACE Agreement", "CCA Agreement", or other energy program agreement, as applicable) on terms and conditions established by Pioneer. The rights of Associate Members shall be limited solely to those terms and conditions expressly set forth in the PACE Agreement, CCA Agreement or other energy program agreement for the purposes of implementing the PACE Program, CCA Program or other energy program, respectively, within the jurisdictional boundaries of the Associate Member. Except as expressly provided for by the PACE Agreement, CCA Agreement or other energy program agreement, Associate Members shall not have any rights otherwise granted to Pioneer Members by this Agreement, including but not limited to the right to vote, the right to amend this Agreement and the right to sit on committees or boards established under this Agreement;

P. to execute agreements for the purpose of authorizing Pioneer to implement, manage and administer area-wide and regional programs in the interest of providing energy supply, development of energy generation, energy efficiency, resource conservation, local public welfare and other economically related energy programs. The costs incurred by Pioneer in implementing a program, including indirect costs, shall be costs of Pioneer and shall not be assessed to the Members, unless approved by the Governing Body of the Member.

Section 5. Governance and Internal Organization

A. Governing Board. The governing body of Pioneer shall consist of two (2) members of the Placer County Board of Supervisors, and one (1) member each for all other Voting Members, appointed respectively by each Voting Member that is or becomes a signatory to this Agreement ("Board Member"). The total number of Board Members shall equal the total number of Voting Members listed in Exhibit A plus one (1).

The Boards of Supervisors, City Councils and Town Councils of the Voting Members listed in Exhibit A shall respectively appoint such member(s) set out above and not less than one alternate member per Board Member. The term of office of each Board Member and respective alternate may be terminated at any time by the appointing Board of Supervisors, City Council or Town Council. The designated alternate shall have authority to attend, participate, and vote at any meeting of the Board whenever the regular member, for whom they are designated to act as an alternate, is absent from the meeting.

B. Quorum. The majority of the members of the Board shall constitute a quorum. No action may be taken by the Board unless a quorum is present, except that less than a quorum may adjourn a meeting from time to time.

C. Powers and Function of Board. The Board will exercise governance, policy guidance and oversight over the business and activities of Pioneer, consistent with this Agreement and applicable law. Unless otherwise specified in Section 8, action by Pioneer Board will be taken by majority vote of the Board Members present.

D. Chairperson. The Chairperson and Vice Chairperson of the Board shall be selected by the Board from its members. The term of office of the Chairperson and Vice Chairperson shall each be one calendar year.

E. Secretary. The Board shall appoint a Secretary to the Board who need not be a member of the Board, who shall be responsible for keeping the minutes of all meetings of the Board and all other official records of Pioneer.

F. Meetings. All meetings of the Board shall be held subject to the provisions of the Ralph M. Brown Act, Division 2, Chapter 9 of the California Government Code (hereafter, the "Brown Act"). The Board shall hold at least four regular meetings per year, but the Board may provide for the holding of regular meetings at more frequent intervals. The date, hour and place of each regular meeting shall be fixed by resolution or ordinance of the Board. Regular meetings may be adjourned to another meeting time. Special meetings of the Board may be called in accordance with the provisions of California Government Code Section 54956. Directors may participate in meetings telephonically, with full voting rights, only to the extent permitted by law.

G. Bylaws. The Board shall adopt bylaws for the conduct of business that shall not be inconsistent with the provisions of this Agreement, and the laws of the State of California.

H. Board Member Compensation. Board Members shall serve without compensation from Pioneer. However, Board Members may be compensated by their respective appointing authorities. The Board, however, may adopt by resolution a policy relating to the reimbursement by Pioneer of expenses incurred by Board Members.

Section 6. Chief Executive Officer and Other Staff

A. Chief Executive Officer. The Board shall appoint a Chief Executive Officer for Pioneer, who shall be responsible for the day-to-clay operation and management of Pioneer. The Chief Executive Officer may exercise all powers of Pioneer, except the powers specifically set forth in Section 4, or those powers that by law must be exercised by the Board. The Chief Executive Officer shall hire and supervise any Pioneer employees or consultants.

B. Chief Executive Officer Reports to the Board. The Chief Executive Officer shall prepare, no later than the 20th day of each first month of each fiscal quarter, a report to the Board on the operations of Pioneer during the preceding fiscal quarter. The Bylaws shall specify the information to be included in the Chief Executive Officer's reports.

C. Services Providers. The Chief Executive Officer may appoint one or more services providers to serve as Pioneer's agent(s) for planning, implementing, operating and administering the PACE Program, the CCA Program, and any other program approved by the Board, in accordance with the provisions of a written agreement between Pioneer and the appointed administrative services provider or providers (a "Services Agreement"). The appointed services provider may be one of the Voting Members. A Services Agreement shall set forth the terms and conditions by which the appointed administrative services provider shall perform or cause to be performed all tasks necessary for planning, implementing, operating and administering the PACE Program, the CCA Program and other approved programs. The Services Agreement shall set forth the term of the Agreement and the circumstances under which the Services Agreement may be terminated by Pioneer. This section shall not in any way be construed to limit the discretion of Pioneer to hire its own employees to administer the PACE Program, the CCA Program or any other program.

D. Independent Monitor. The Board may appoint or contract for the services of an independent monitor to review programs operated by Pioneer and to report to the Board.

E. Advisory Commissions, Boards or Committees. The Board may establish any advisory commissions, boards, and committees as the Board deems appropriate to assist the Board in carrying out its functions and implementing the CCA Program, other energy programs and the provisions of this Agreement which shall comply with the requirements of the Brown Act. The Board may establish rules, regulations, policies, bylaws or procedures to govern any such commissions, boards, or committees.

Section 7. Treasurer and Auditor-Controller

The Governing Board shall appoint a Treasurer for Pioneer. The Treasurer shall be the depository of Pioneer and shall have all of the duties and responsibilities specified in Section 6505.5 of the Act. The duties and obligations of the Treasurer are further specified in Section 9. The Governing Body shall appoint an Auditor-Controller for Pioneer in compliance with the Act. The Auditor-Controller of Pioneer shall make or contract with a certified public accountant to cause an annual audit in compliance with Section 6506 of the Act. Pioneer of the Board to appoint a Treasurer and Auditor/Controller shall include Pioneer to combine both offices to be held by one officer or employee pursuant to section 6505.6 of the Act.

Section 8. Special Voting Requirements and Voting Shares

A. Involuntary Termination. Action of the Board on matters set forth in Section 15A (involuntary termination of a Member) shall require the affirmative vote of at least two-thirds of the Board Members; provided, however, the Member subject to involuntary termination may not vote, and the number of Board Members constituting two-thirds of all Board Members shall be recalculated as if the Voting Member subject to possible termination were not a Voting Member.

B. Amendment. Action of the Board on matters set forth in Section 19 (amendment of this Agreement) shall require an affirmative vote of at least two-thirds of the Board members.

C. Eminent Domain. A decision to exercise the power of eminent domain on behalf of Pioneer to acquire any property interest other than an easement, right-of-way, or temporary construction easement shall require a vote of at least two-thirds of all Board Members.

D. Contributions by Members. The imposition on any Member of any obligation to make contributions or pledge assets as a condition of continued participation in the PACE Program, the CCA Program, or other energy programs shall require a vote of at least two-thirds of all Board Members and the approval of the governing boards of the Members and Associate Members who are being asked to make such contribution or pledge.

Section 9. Financial Provisions

A. Fiscal Year. For the purposes of this Agreement, Pioneer shall have such fiscal year from July 1 to and including the following June 30.

B. Depository. All funds of Pioneer shall be held in separate accounts in the name of Pioneer and not commingled with funds of any Member or any other person or entity. All funds of Pioneer shall be strictly and separately accounted for, and regular reports shall be rendered of all receipts and disbursements, at least quarterly during the fiscal year. The books and records of Pioneer shall be open to inspection by the Members at all reasonable times, The Board shall contract with a certified public accountant to make an annual audit of the accounts and records of Pioneer, which shall be conducted in accordance with the requirements of Section 6505 of the Act.

C. Expenditures. All expenditures shall be made in accordance with the approved budget and upon the approval of any officer so authorized by the Board in accordance with its Operating Rules and Regulations. The Treasurer shall draw checks or warrants or make payments by other means for claims or disbursements not within an applicable budget only upon the prior approval of the Board.

D. Budget. The initial budget shall be approved by the Board. The Board may revise the budget from time to time through an Pioneer Document as may be reasonably necessary to address contingencies and unexpected expenses. All subsequent budgets of Pioneer shall be approved by the Board in accordance with the Operating Rules and Regulations.

E. Funding of Initial Costs. The County of Placer funded certain activities necessary to implement the CCA Program. These costs were repaid in full when the CCAP Program became operational.

F. CCA Program Costs. The Members desire that all costs incurred by Pioneer that are directly or indirectly attributable to the provision of electric, conservation, efficiency, incentives, financing, or other services provided under the CCA Program, including but limited to the establishment and maintenance of various reserves and performance funds and administrative, accounting, legal, consulting, and other similar costs, shall be recovered through charges to CCA customers receiving such electric services, or from revenues from grants or other third-party sources.

Section 10. Implementation Action and Pioneer Documents

A. Each Member shall adopt an ordinance or resolution in accordance with Public Utilities Code Section 366.2(c)(12) for the purpose of specifying that the Member intends to implement a CCA Program by and through its participation in Pioneer.

B. Each Member that wishes to participate in the CCA Program shall adopt a resolution expressing its desire to become a Member to this Agreement, and its intention to have the territory of the Member's jurisdiction included in the service territory of the CCA.

C. Each New Voting Member that wishes to participate in the PACE Program shall adopt a resolution authorizing it to become a Voting Member under this Agreement. Execution by such New Voting Member of this Agreement shall constitute consent to Pioneer undertaking contractual assessment proceedings under Chapter 29 for all of the properties in such New Voting Member's incorporated area and to the contractual assessment financing of certain improvements (as enumerated from time to time in Chapter 29, "Improvements") by Pioneer, upon the request by and voluntary agreement of owners of such properties, in compliance with the laws, rules and regulations applicable to Pioneer's PACE Program, and to the assumption of jurisdiction thereover by Pioneer for the purposes thereof. Execution by such New Voting Member of this Agreement shall also serve to authorize Pioneer to take each step required for it to provide contractual assessment financing for the Improvements, including the levying, collecting and enforcement of contractual assessments to finance the

Improvements and the issuance and enforcement of bonds and other financing instruments to represent and be secured by such contractual assessments. The New Voting Members shall not be required to adopt a PACE Agreement and shall not be subject to the rights and obligations set forth therein, but shall instead, upon becoming Voting Members hereunder, be subject to the rights and obligations expressly set forth herein.

Pioneer may additionally provide PACE Programs pursuant to Chapter 29 within the boundaries of non-voting Associate Members, as described further in Section 16 herein.

D. Implementation Plan and Statement of Intent. Pioneer shall cause to be prepared an Implementation Plan and Statement of Intent meeting the requirements of California Public Utilities Code Section 366.2 and any applicable California Public Utilities Commission regulations. The Implementation Plan and Statement of Intent shall specify the service territory of the CCA to be within the boundaries of the Member jurisdictions that have taken the actions specified in A and B above. The Implementation Plan and Statement of Intent shall not be filed with the California Public Utilities Commission until it is approved by the Board in the manner provided by Section 5.

If a City or County adopts an ordinance and resolution pursuant to A and B above, expressing its desire to become a Member to this Agreement subsequent to the filing of the then most recently filed Implementation Plan and Statement of Intent, the Board shall direct the preparation and filing of a new or amended Implementation Plan and Statement of Intent to include the territory of the County or City as soon as reasonably practicable. The Board may require the County or City to pay the cost of preparation and submission of the Implementation Plan and Statement of Intent. Upon California Public Utilities Commission certification of the new or amended Implementation Plan and Statement of Intent, the Board shall take an action to approve the membership of the County or City. The County or City shall then be entitled to all rights under this Agreement, including a seat on the Board and voting rights pursuant to Section 5.A and Section 8.

E. Termination of CCA and PACE Program. Nothing contained in this Article or this Agreement shall be construed to limit the discretion of Pioneer to terminate the implementation or operation of the CCA or the PACE Program at any time in accordance with any applicable requirements of state law.

F. Pioneer Documents. The Members acknowledge and agree that the affairs of Pioneer will be implemented through various documents duly adopted by the Board through Board resolution. The Members agree to abide by and comply with the terms and conditions of all such documents that may be adopted by the Board, subject to the Members' right to withdraw from Pioneer as described in Section 14.

Section 11. Records and Reports

The Board shall establish reporting requirements and direct staff to maintain such reports, including, but not limited to, funds and accounts as may be required by good accounting practice

or by law. All books and records of Pioneer shall be open to inspection at all reasonable times by any Member to this Agreement or its representatives. Annual audits of Pioneer's accounts and records shall be made by an independent CPA firm, and reports shall be filed in the manner provided in Section 6505 of the California Government Code.

Section 12. Debts, Liabilities and Obligations

Pioneer is a public agency separate from the Members. Pursuant to Sections 6508.1 of the Act, the debts, liabilities or obligations of Pioneer shall not be debts, liabilities or obligations of the individual Members unless the governing board of a Member agrees in writing to assume any of the debts, liabilities or obligations of Pioneer. A Member who has not agreed to assume a Pioneer debt, liability or obligation shall not be responsible in any way for such debt, liability or obligation even if a majority of the Members agree to assume the debt, liability or obligation of Pioneer. Should any debt, liability or obligation of Pioneer not be waived or allowed payable through assets of Pioneer, none of the County or City members shall be liable, except as provided by Government Code sections 895 through 895.8.

Section 13. Insurance and Indemnity

Pioneer shall acquire and maintain such insurance coverage as is necessary to protect the interests of Pioneer, the Members, and the public. The insurance shall also contain a written endorsement to such policy or policies, which names each of the Voting Members as additional insureds. Pioneer shall defend, indemnify, and hold harmless the Members, and each of their respective Board or Council members, officers, agents and employees, from any and all claims, losses, damages, costs, injuries, and liabilities of every kind arising directly or indirectly from the conduct, activities, operations, acts, and omissions of Pioneer under this Agreement.

Section 14. Withdrawal

A. Right to Withdraw by Voting Member. A Voting Member may withdraw its participation in the CCA Program, effective as of the beginning of Pioneer's fiscal year, by giving no less than 12 months advance written notice of its election to do so, which notice shall be given to Pioneer and each Voting Member. Withdrawal of a Voting Member shall require an affirmative vote of its governing board.

B. Right to Withdraw By Voting Member After Amendment. Notwithstanding Section 14A, a Voting Member may withdraw its membership in Pioneer following an amendment to this Agreement adopted by the Board which the Board Member appointed as the representative of a Voting Member voted against provided such notice is given in writing within thirty (30) days following the date of the vote. Withdrawal of a Member shall require an affirmative vote of its governing board and shall not be subject to the twelve month advance notice provided in Section 14A. In the event of such withdrawal, the Member shall be subject to the provisions of Section 15B.

C. Continuing Liability; Further Assurances. A Voting Member that withdraws its participation in the CCA Program may be subject to certain continuing liabilities, as described in Section 15B. The withdrawing Voting Member and Pioneer shall execute and deliver all further instruments and documents, and take any further action that may be reasonably necessary, as determined by the Board, to

effectuate the orderly withdrawal of such Voting Member from participation in the CCA Program.

D. Withdrawal of Associate Member. The rights of an Associate Member to withdraw from Pioneer shall be governed by the applicable PACE Agreement or CCC Agreement.

Section 15. Termination

A. Involuntary Termination of a Member. Participation of a Member in the CCA program may be terminated for material non-compliance with provisions of this Agreement or any other agreement relating to the Member's participation in the CCA Program upon a vote of Board Members as provided in Section 8A. Prior to any vote to terminate participation with respect to a Member, written notice of the proposed termination and the reason(s) for such termination shall be delivered to the Member whose termination is proposed at least 30 days prior to the regular Board meeting at which such matter shall first be discussed as an agenda item. The written notice of proposed termination shall specify the particular provisions of this Agreement or other agreement that the Member has allegedly violated. The Member subject to possible termination shall have the opportunity at the next regular Board meeting to respond to any reasons and allegations that may be cited as a basis for termination prior to a vote regarding termination. A Member that has had its participation in the CCA Program terminated may be subject to certain continuing liabilities, as described in Section 15B.

B. Continuing Liability; Refund. Upon a withdrawal or involuntary termination of a Member, the Member shall remain responsible for any claims, demands, damages, or liabilities arising from the Member's membership or participation in the CCA Program through the date of its withdrawal or involuntary termination, it being agreed that the Member shall not be responsible for any liabilities arising after the date of the Member's withdrawal or involuntary termination. Claims, demands, damages, or liabilities for which a withdrawing or terminated Member may remain liable include, but are not limited to, losses from the resale of power contracted for by Pioneer to serve the Member's load. With respect to such liability, upon notice by an Member that it wishes to withdraw from the program, Pioneer shall notify the Member of the minimum waiting period under which the Member would have no costs for withdrawal if the Member agrees to stay in the CCA Program for such period. The waiting period will be set to the minimum duration such that there are no costs transferred to remaining ratepayers. If the Member elects to withdraw before the end of the minimum waiting period, the charge for exiting shall be set at a dollar amount that would offset actual costs to the remaining ratepayers, and may not include punitive charges that exceed actual costs. In addition, such Member also shall be responsible for any costs or obligations associated with the Member's participation in any program in accordance with the provisions of any agreements relating to such program provided such costs or obligations were incurred prior to the withdrawal of the Member. Pioneer may withhold funds otherwise owing to the Member or may require the Member to deposit sufficient funds with Pioneer, as reasonably determined by Pioneer and approved by a vote of the Board, to cover the Member's liability for the costs described above. Any amount of the Member's

funds held on deposit with Pioneer above amounts not required to pay any liabilities or obligations shall be returned to the Member. The liability of any Member under this section 15B is subject and subordinate to the provisions of Section 12, and nothing in this section 15B shall reduce, impair, or eliminate any immunity from liability provided by Section 12.

C. Mutual Termination. This Agreement may be terminated by mutual agreement of all the Voting Members; provided, however, the foregoing shall not be construed as limiting the rights of a Voting Member to withdraw its participation in the CCA Program, as described in Section 14A.

D. Disposition of Property upon Termination of Pioneer. Upon termination of this Agreement, any surplus money or assets in possession of Pioneer for use under this Agreement, after payment of all liabilities, costs, expenses, and charges incurred under this Agreement and under any program documents, shall be returned to the then-existing Voting Members in proportion to the contributions made by each. If no such contributions have been made, then such surplus after payment of all liabilities, costs, expenses, and charges shall be distributed to each Voting Member based on Annual Energy Use Divided by Total Annual Energy, multiplied by 100. "Annual Energy Use" means the annual electricity usage, expressed in kilowatt hours ("kWh") within the Voting Member's respective jurisdiction, and "Total Annual Energy" means the sum of all the Members Annual Energy Use. All measures of kilowatt hours shall be set using the electric load forecast upon which the current annual budget was based. If a Member has more than one Board Member, the distribution will be made pursuant to the above calculation as it relates to the respective jurisdiction.

E. Negotiations with Associate Members. If the Voting Members wish to terminate this Agreement, or if the Voting Members elect to withdraw from the CCA Program following an amendment to this Agreement as provided in Section 14B, but two or more Associate Members wish to continue to participate in the CCA Program, the Voting Members will negotiate in good faith with such Associate Members to allow the Associate Members to become the Voting Members to this Agreement or to effect a transfer of CCA Program operations to another entity.

Section 16. Associate Members

A. With the approval of the Board, any qualified public agency (as defined by Section 6500 of the JPA law) may become a non-voting Associate Member of this Agreement for purposes of participating in the CCA Program. A public agency requesting such membership may apply by presenting to Pioneer a resolution of the public agency approving of this form of participation.

B. Any qualified public agency (as defined by Section 6500 of the JPA law) may become a non-voting Associate Member of this Agreement for purposes of participating in the PACE Program upon (i) such qualified public agency (a) adopting a resolution expressing its desire to become a non-voting Associate Member to this Agreement and authorizing the implementation of a PACE Program within the boundaries of its jurisdiction and (b) executing a PACE

Agreement and (ii) the Board approving the qualified public agency as a non-voting Associate Member.

C. The date and terms upon which the applying public agency will become a non-voting Associate Member will be determined by the Board and set forth in a CCA Agreement or PACE Agreement, as applicable.

Section 17. Termination of Powers

Pioneer shall continue to exercise the powers herein conferred upon it until termination of this Agreement, and thereafter shall continue to exercise only such powers as to enable it to pay and discharge all costs, expenses, and charges legally incurred hereunder, and to dispose of, divide and distribute any property required as a result of the joint exercise of such powers.

Section 18. Disposition of Assets; Property and Money

Upon termination of this Agreement under Section 15, all costs, expenses, and charges legally incurred by Pioneer shall be paid and discharged; and Pioneer shall sell such property as may be necessary and shall distribute to the federal or State government such property and funds as are lawfully required; the balance of such property and any surplus money on hand shall be distributed or returned in proportion to contributions made by the affected Members except to the extent otherwise agreed upon by the affected Members.

Section 19. Amendments

This Agreement may only be amended by a written amendment approved by a vote of Board Members as provided in Section 8. Amendments to Sections 4, 14.A. and B of this Agreement, and the addition of new Voting Members shall also be separately approved by a duly adopted resolution of the governing board of each Member. Pioneer shall provide written notice to all Members of amendments to this Agreement at least forty-five (45) days prior to the date upon which the proposed amendment is being considered by the Board. If the proposed amendment is adopted by the Board, the Authority shall provide prompt written notice to all Members of the effective date of such amendment along with a copy of the amendment.

Section 20. Severability

Should any part, term or provision of this Agreement be decided by a court of competent jurisdiction to be illegal or in conflict with any law of the State of California, or otherwise be rendered unenforceable or ineffectual, the validity of the remaining portions of provisions shall not be affected thereby.

Section 21. Entire Agreement

This Agreement contains the entire agreement between the Members and supersedes all prior understanding between them with respect to the subject matter of this Agreement. There are no promises, terms, conditions or obligations, oral or written, between or among the Members relating to the subject matter of this Agreement that are not fully expressed in this Agreement. This Agreement may not be modified, changed, supplemented or terminated, nor may any obligation under this Agreement be waived, except as provided in Section 19.

Section 22. Counterparts and Effective Date

This Agreement may be executed in counterparts and be as valid and binding as if each Member signed the same copy. A faxed copy of the executed signature page shall be sufficient to cause the terms of this Agreement to become fully operative. The effective date of the Agreement shall be the date that the last Voting Member h executed this Agreement.

WITNESS THE AGREEMENT HEREOF the date set opposite our respective entities:

IN WITNESS WHEREOF, the parties have executed this Revised Second Amended and Restated Joint Powers Agreement.

EXECUTED ON

By _____
Chairman, Board of Supervisors

COUNTY OF EL DORADO, a political subdivision

And approved as to form _____

ATTEST:

_____

SIGNATURES CONTINUED ON NEXT PAGE

EXECUTED ON

By _____
Chairman, Board of Supervisors

COUNTY OF PLACER, a political subdivision

And approved as to form _____

ATTEST:

_____

SIGNATURES CONTINUED ON NEXT PAGE

CITY OF AUBURN, a Municipal Corporation

EXECUTED ON

And approved as to form _____

ATTEST:

By _____
Mayor, City Council

_____

SIGNATURES CONTINUED ON NEXT PAGE

CITY OF COLFAX, a Municipal Corporation

EXECUTED ON

And approved as to form _____

ATTEST:

By _____
Mayor, City Council

_____

SIGNATURES CONTINUED ON NEXT PAGE

EXECUTED ON

CITY OF GRASS VALLEY, a Municipal Corporation

And approved as to form _____

By _____
Mayor, City Council

ATTEST:

_____

SIGNATURES CONTINUED ON NEXT PAGE

CITY OF LINCOLN, a Municipal Corporation

EXECUTED ON

And approved as to form _____

ATTEST:

By _____
Mayor, City Council

_____

SIGNATURES CONTINUED ON NEXT PAGE

EXECUTED ON

CITY OF NEVADA CITY, a Municipal Corporation

And approved as to form _____

By _____
Mayor, City Council

ATTEST:

_____

SIGNATURES CONTINUED ON NEXT PAGE

EXECUTED ON

CITY OF PLACERVILLE, a Municipal Corporation

And approved as to form _____

By _____
Mayor, City Council

ATTEST:

_____

SIGNATURES CONTINUED ON NEXT PAGE

CITY OF ROCKLIN, a Municipal Corporation

EXECUTED ON

And approved as to form _____

ATTEST:

By _____
Mayor, City Council

_____

SIGNATURES CONTINUED ON NEXT PAGE

TOWN OF LOOMIS, a Municipal Corporation

EXECUTED ON

And approved as to form _____

ATTEST:

By _____
Mayor, Town Council

_____

SIGNATURES CONTINUED ON NEXT PAGE

Exhibit A

Voting Members and Associate Members

Section A.1 Voting Members

City of Auburn

City of Colfax

City of Grass Valley

City of Lincoln

City of Nevada City

City of Placerville

City of Rocklin

County of El Dorado

County of Placer

Town of Loomis

Section A.2 Associate Members

City of Folsom

County of Sacramento

Town of Truckee

REVISED

SECOND AMENDED AND RESTATED JOINT EXERCISE OF POWERS AGREEMENT FOR ~~THE SIERRA VALLEY~~~~PIONEER~~PIONEER COMMUNITY ENERGY~~ AUTHORITY~~

~~THIS~~~~This~~This Revised Second Amended and Restated Joint Exercise of Powers Agreement (hereafter "Agreement" or "Revised JPA") amends and restates the Amended and Restated Joint Exercise of Powers Agreement ~~for the SIERRA VALLEY~~("Amended and Restated JPA"), with the effective date of February 22, 2017, for PIONEER COMMUNITY ENERGY~~ AUTHORITY~~, (hereafter "~~Authority") originally entered as of September 9, 2015, (the "Original Agreement") which was by and between the COUNTY OF PLACER, and the CITY OF COLFAX, both~~~~Pioneer~~Pioneer"), as amended and executed pursuant to Amendments No. 1 through 5, by and among the Voting Members (including the New Voting Members) and the Associate Members listed in Exhibit A to this Agreement, all public entities of the State of California~~. By this amendment and restatement it becomes a Joint Exercise of Powers Agreement by and between the COUNTY OF PLACER, the CITY OF COLFAX and the cities of Rocklin, Lincoln and Auburn and the town of Loomis within the County of Placer~~ who become signatories to this Agreement~~ (the "New Voting Members", and together with the County of Placer and the City of Colfax, the "Voting Members"), as well as those local agencies that become signatories to this Agreement as Associate Members~~, and relates to the joint exercise of powers among all of the signatories hereto either as Voting Members or Associate Members (hereafter collectively referred to as the "Members").

RECITALS:

A. Whereas, each of the Members has a vested interest in the economic well-being of its respective jurisdiction and the region as a whole as well as energy efficiency and clean energy growth and development;

B. Whereas, the Members desire to enter into this Agreement to provide for local control of energy resources, the adoption of programs to foster economic development, energy efficiency, and resource conservation, and to further define and describe the scope of powers to be exercised by ~~the Authority~~~~Pioneer~~Pioneer;

C. Whereas, the Members share various powers under California law, including but not limited to the power to aggregate electric load, to purchase and supply electricity for themselves and customers within their jurisdictions, and the power to enter into voluntary contractual assessments with property owners to provide financing for the installation of public and private improvements authorized within their jurisdictions;

D. Whereas, the purposes for entering into this restated Agreement include, but are not limited to:

1) Providing electric power and other forms of energy to customers at a competitive cost;

2) Promoting long-term electric rate stability and energy security and reliability for residents through local control of electric generation resources and the overall power supply portfolio.

3) Carrying out programs to reduce energy consumption;

4) Stimulating and sustaining the local economy by developing local jobs in renewable energy; and

5) Reducing greenhouse gas emissions related to the use of electric power and other forms of energy in Placer County and neighboring regions;

E. Whereas, it is the intent of this Agreement to promote the development and use of a wide range of energy sources and energy efficiency programs, including but not limited to hydroelectric, biomass, landfill gas, conversion of waste-to-energy, solar, and wind energy production;

F. Whereas, Pacific Gas and Electric and Liberty Energy are the investor owned providers of retail electric service throughout the Voting Member jurisdictions and a Community Choice Aggregator is authorized to aggregate electrical load served by such investor owned providers within its members' jurisdiction. Each of the Voting Members must adopt an ordinance electing to implement through ~~the Authority~~~~Pioneer~~Pioneer a common Community Choice Aggregation pursuant to California Public Utilities Code Sections 331.1(b) and 366.2(12)(A).¶

G. Whereas, on September 9, 2015 the County of Placer and the City of Colfax entered into the original Joint Exercise of Powers Agreement for the purpose of establishing the Sierra Valley Energy Authority as a joint powers authority under the Joint Exercise of Powers Act, Government Code Section 6500, et seq.; and ¶

H. Whereas, the Amended and Restated JPA became effective on February 22, 2017 and authorized the Cities of Auburn, Lincoln, Rocklin, and the Town of Loomis to become Voting Members of the Joint Exercise of Powers Agreement and established a Community Aggregation Program within the jurisdictions of the Voting Members; and¶

I. Whereas, Resolution No. 2017-3 of the Sierra Valley Energy Authority approved a name change from Sierra Valley Energy Authority to Pioneer Community Energy, as it is known today; and ¶

J. Whereas, Amendment No. 1 to the Amended and Restated JPA, which was approved by the Governing Board on December 27, 2020 and became effective March 9, 2021, authorized the County of El Dorado and the City of Placerville to become Voting Members; and ¶

K. Whereas, Amendments No. 2 through 4 to the Amended and Restated JPA made certain changes to the Amended and Restated JPA; and¶

L. Whereas, Amendment No. 5 to the Amended and Restated JPA, which was approved by the Governing Board on October 25, 2022 and became effective

February 27, 2023, authorized the City of Nevada City and the City of Grass Valley as Voting Members; and ¶

M. Whereas, ~~the Voting Members wish to amend and restate the~~on January 18, 2024, the Governing Board approved the Second Amended and Restated ~~JPA~~Joint Powers Agreement to clean -up and streamline the ~~Agreement~~approval process for future amendments to the Agreement; and¶

N. Whereas, the Second Amended and Restated Joint Powers Agreement did not receive a unanimous vote of all of the governing bodies of the Voting Members; ¶

O. Whereas, the Board of Directors wish to amend the proposed Second Amended and Restated Joint Powers Agreement approved by the Board of Directors on January 18, 2024 to incorporated the requested amendments of the Voting Members.

NOW THEREFORE, in consideration of the mutual promises, covenants and conditions herein, the Members hereto agree to establish a joint powers authority as follows:

Section 1. Authority for this Joint Exercise of Powers Agreement

This Agreement is made pursuant to Chapter 5 of Division 7 of Title 1 of the Government Code of the State of California (commencing with Section 6500) relating to the joint exercise of power common to the counties and public agencies and other powers specified therein (hereinafter the "Act"). Under Sections 6505 and 6507 of the Act, ~~the Authority~~~~Pioneer~~Pioneer is a public agency separate from its Members. As provided by Section 6508.1 of the Act, and Section 12 hereof the debts, liabilities or obligations of ~~the Authority~~~~Pioneer~~Pioneer shall not be the debts, liabilities or obligations of the individual Members, unless the governing body of a Member agrees in writing to assume any of those debts, liabilities or obligations.

The Members are each empowered by the laws of the State of California to exercise, in their respective jurisdictions, the powers set forth herein, including but not limited to the power to aggregate electric load, to purchase and supply electricity for themselves and customers within their jurisdictions, and the power to enter into voluntary contractual assessments with properties owners for authorized improvements within their jurisdictions.

Section 2. Purpose of Agreement

The purpose of this Agreement is to establish an independent public agency in order to exercise powers common to the Members and other powers granted to Pioneer under the ~~Authority~~~~Pioneer under the~~ Act, to study, promote, develop, conduct, operate, and manage energy, energy efficiency and conservation, and other energy-related programs, to exercise all other powers necessary and incidental to accomplishing these purposes, and to provide a Community Choice Aggregation (hereinafter "CCA") Program, pursuant to California Public Utilities Code Sections 331.1 and 366.2, and as further described in Section 10.

Without limiting the generality of the foregoing, the Members also intend for this Agreement to be used as a mechanism by which Voting Members and non-voting Associate Members may authorize ~~the Authority~~~~Pioneer~~Pioneer to provide Property Assessed Clean Energy ("PACE") Programs pursuant to Chapter 29 of the Improvement Bond Act of 1911, Division 7 of the California Streets and Highways Code ("Chapter 29"). ~~The Authority~~~~Pioneer~~Pioneer may

provide PACE Programs pursuant to Chapter 29 within the boundaries of each Voting Member as set forth in Section 10(C) herein, and within the boundaries of each non-voting Associate Member as set forth in Sections 16 herein. The Members intend that other agreements with Associate Members shall define the terms and conditions associated with the implementation of the CCA Program, the PACE Program, and any other energy programs approved by ~~the AuthorityPioneer~~Pioneer within the territorial jurisdiction of such Associate Members. ~~As of the Effective Date of this Agreement, the Associate Members include the County of Nevada, County of Sacramento, City of Grass Valley, City of Folsom, City of Nevada City and Town of Truckee.~~

Section 3. Effective Date and Term

This Agreement shall be effective as ~~an~~a revised second amendment and restatement of the Original Agreement, and ~~the AuthorityPioneer~~Pioneer shall continue to exist as a separate public agency under the terms of this Agreement ~~upon execution~~~~after~~after approval and signature of the Revised Second Amended and Restated Agreement by ~~the County of Placer~~~~New Members and after the City of Colfax~~~~California Public Utilities Commission certifies the Implementation Plan filed by Pioneer to include the New~~all Voting Members. This Agreement shall be in full force and effect until terminated in the manner herein provided, subject to the rights of the Members to withdraw from ~~the AuthorityPioneer~~Pioneer.

Section 4. Powers

~~The AuthorityPioneer~~Pioneer shall have all powers common to the Members, and such additional powers accorded to it by law, including the power to develop and implement comprehensive energy and resource development and conservation programs, as described herein. Unless state or federal law provides otherwise, any facilities, buildings or structures located, constructed, or caused to be constructed by ~~the AuthorityPioneer~~Pioneer within the territory of ~~the AuthorityPioneer~~Pioneer shall comply with the General Plan, zoning and building laws of the local jurisdiction within which the facilities, buildings or structures are constructed and comply with the California Environmental Quality Act (CEQA). As required by Government Code Section 6509, the power of ~~the AuthorityPioneer~~Pioneer is subject to the restrictions upon the manner of exercising power possessed by the City of Colfax.

~~The AuthorityPioneer~~Pioneer is authorized, in its own name, to exercise all powers and do all acts necessary and proper to carry out the provisions of this Agreement and fulfill its purposes, including, but not limited to, each of the following powers, subject to the voting requirements set forth in Section ~~SC~~5C and Section 8:

A. to make and enter into contracts;

B. to employ agents and employees, including but not limited to an Chief Executive ~~Director~~Officer;

C. to acquire, contract, manage, maintain, and operate ally buildings, infrastructure, works, or improvements;

D. to acquire property by eminent domain, or otherwise, except as limited under Section 6508 of the Act, and to hold or dispose of any property;

E. to lease any property;

F. to sue and be sued in its own name;

G. to incur debts, liabilities, obligations and to issue bonds, and to make and enter into agreements and other documents of any nature whatsoever as may be necessary or convenient in the exercise of the powers provided under the Marks-Roos Local Bond Pooling Act of 1985, as amended, and other provisions of California law that authorize public agencies to issue bonds and incur indebtedness, including but not limited to loans from private lending sources pursuant to its temporary borrowing powers such as Government Code Sections 53850 et. seq.;

H. to form subsidiary or independent corporations or entities, if necessary to carry out energy supply and energy conservation programs and to take advantage of legislative or regulatory changes;

I. to deposit its money pursuant to Section 6505.5 of the Act and to invest its money which is not required for the immediate use of ~~the AuthorityPioneer, as the AuthorityPioneer~~Pioneer, as Pioneer determines is advisable in the same manner and upon the same conditions as local agencies, pursuant to Section 53635 of the California Government Code;

J. to apply for, accept, and receive all licenses, permits, grants, loans or other aids from any federal, state, or local public agency;

K. to submit documentation and notices, register, and comply with orders, tariffs and agreements for the establishment and implementation of the CCA Program and other energy programs;

L. to adopt rules, regulations, policies, bylaws and procedures governing the operation of ~~the AuthorityPioneer~~Pioneer ("Operating Rules and Regulations");

M. to establish and operate a CCA program, and make and enter into service agreements relating to the provision of services necessary to plan, implement, operate and administer the CCA Program, including the acquisition of electric power supply and the provision of retail and regulatory support services;

N. to establish and operate one or more PACE programs pursuant to Chapter 29, and to enter into one or more agreements, including without limitation, participation agreements, implementation agreements and joint powers agreements and amendments thereto to fulfill such programs both within and outside the jurisdictional boundaries of ~~the AuthorityPioneer~~Pioneer;

O. ~~O~~ to establish a non-voting "Associate Member" status that provides membership in ~~the AuthorityPioneer~~Pioneer to jurisdictions that are outside jurisdictional boundaries of ~~the AuthorityPioneer~~Pioneer's Voting Members, but within whose boundaries a PACE, CCA, or other energy program is established and implemented by ~~the AuthorityPioneer~~Pioneer on behalf of the Associate Member. Said jurisdictions shall adopt one or more agreements (a "PACE Agreement", "CCA Agreement", or other energy program agreement, as applicable) on terms and conditions established by ~~the AuthorityPioneer~~Pioneer. The rights of Associate Members shall be limited solely to those terms and

conditions expressly set forth in the PACE Agreement, CCA Agreement or other energy program agreement for the purposes of implementing the PACE Program, CCA Program or other energy program, respectively, within the jurisdictional boundaries of the Associate Member. Except as expressly provided for by the PACE Agreement, CCA Agreement or other energy program agreement, Associate Members shall not have any rights otherwise granted to ~~AuthorityPioneer~~Pioneer Members by this Agreement, including but not limited to the right to vote, the right to amend this Agreement and the right to sit on committees or boards established under this Agreement;

P. to execute agreements for the purpose of authorizing ~~the AuthorityPioneer~~Pioneer to implement, manage and administer area-wide and regional programs in the interest of providing energy supply, development of energy generation, energy efficiency, resource conservation, local public welfare and other economically related energy programs. The costs incurred by ~~the AuthorityPioneer~~Pioneer in implementing a program, including indirect costs, shall be costs of ~~the AuthorityPioneer~~Pioneer and shall not be assessed to the Members, unless approved by the Governing Body of the Member.

Section 5. Governance and Internal Organization

A. Governing Board. The governing body of ~~the AuthorityPioneer~~Pioneer shall consist ~~of up to a eleven (11) person Board, consisting~~ of two (2) members of the Placer County Board of Supervisors, and one (1) member each for all other Voting Members, appointed respectively by ~~the El Dorado County Board of Supervisors, the Cities of Auburn, Colfax, Grass Valley, Rocklin, Lincoln, Nevada City, Placerville and the Town of Loomiseach~~each Voting Member that is or becomes a signatory to this Agreement ("Board Member"). The total number of Board Members shall equal the total number of Voting Members listed in Exhibit A plus one (1).

The ~~BoardBoards~~Boards of Supervisors ~~from Placer County, the Board of Supervisors from El Dorado County, and the City/~~, City Councils and Town Councils ~~set out aboveof~~of the Voting Members listed in Exhibit A shall respectively appoint such member(s) set out above and not less than one alternate member per Board Member. The term of office of each Board Member and respective alternate may be terminated at any time by the appointing Board of Supervisors ~~or~~, City~~/~~ Council or Town Council. The designated alternate shall have authority to attend, participate, and vote at any meeting of the Board whenever the regular member, for whom they are designated to act as an alternate, is absent from the meeting.

B. Quorum. The majority of the members of the Board shall constitute a quorum. No action may be taken by the Board unless a quorum is present, except that less than a quorum may adjourn a meeting from time to time.

C. Powers and Function of Board. The Board will exercise governance, policy guidance and oversight over the business and activities of ~~the AuthorityPioneer~~Pioneer, consistent with this Agreement and applicable law.

~~Action by the Authority~~~~Unless~~Unless otherwise specified in Section 8, action by Pioneer Board will be taken by majority vote of the Board Members present.

D. Chairperson. The Chairperson and Vice Chairperson of the Board shall be selected by the Board from its members. The term of office of the Chairperson and Vice Chairperson shall each be one calendar year.

E. Secretary. The Board shall appoint a Secretary to the Board who need not be a member of the Board, who shall be responsible for keeping the minutes of all meetings of the Board and all other official records of ~~the Authority~~~~Pioneer~~Pioneer.

F. Meetings. All meetings of the Board shall be held subject to the provisions of the Ralph M. Brown Act, Division 2, Chapter 9 of the California Government Code (hereafter, the "Brown Act"). The Board shall hold at least four regular meetings per year, but the Board may provide for the holding of regular meetings at more frequent intervals. The date, hour and place of each regular meeting shall be fixed by resolution or ordinance of the Board. Regular meetings may be adjourned to another meeting time. Special meetings of the Board may be called in accordance with the provisions of California Government Code Section 54956. Directors may participate in meetings telephonically, with full voting rights, only to the extent permitted by law.

G. Bylaws. The Board shall adopt bylaws for the conduct of business that shall not be inconsistent with the provisions of this Agreement, and the laws of the State of California.

H. Board Member Compensation. Board Members shall serve without compensation from ~~the Authority~~~~Pioneer~~Pioneer. However, Board Members may be compensated by their respective appointing authorities. The Board, however, may adopt by resolution a policy relating to the reimbursement by ~~the Authority~~~~Pioneer~~Pioneer of expenses incurred by Board Members.

Section 6. Chief Executive ~~Director~~Officer and Other Staff

A. Chief Executive ~~Director~~Officer. The Board shall appoint ~~an~~a Chief Executive ~~Director~~Officer for ~~the Authority~~~~Pioneer~~Pioneer, who shall be responsible for the day-to-clay operation and management of ~~the Authority~~~~Pioneer~~Pioneer. The Chief Executive ~~Director~~Officer may exercise all powers of ~~the Authority~~~~Pioneer~~Pioneer, except the powers specifically set forth in Section 4, or those powers that by law must be exercised by the Board. The Chief Executive ~~Director~~Officer shall hire and supervise any ~~Authority~~~~Pioneer~~Pioneer employees or consultants.

B. Chief Executive ~~Director~~Officer Reports to the Board. The Chief Executive ~~Director~~Officer shall prepare, no later than the 20th day of each first month of each fiscal quarter, a report to the Board on the operations of ~~the Authority~~~~Pioneer~~Pioneer during the preceding fiscal quarter. The Bylaws shall specify the information to be included in the Chief Executive ~~Director~~Officer's reports.¶¶

C. Services Providers. The Chief Executive ~~Director~~Officer may appoint one or more services providers to serve as ~~the Authority~~~~Pioneer~~Pioneer's agent(s) for planning, implementing, operating and administering the PACE Program, the CCA Program, and any other program approved by the Board, in accordance with the provisions of a written agreement between ~~the Authority~~~~Pioneer~~Pioneer and the appointed administrative services provider or providers (a "Services Agreement"). The appointed services provider may be one of the Voting Members. A Services Agreement shall set forth the terms and conditions by which the appointed administrative services provider shall perform or cause to be performed all tasks necessary for planning, implementing, operating and administering the PACE Program, the CCA Program and other approved programs. The Services Agreement shall set forth the term of the Agreement and the circumstances under which the Services Agreement may be terminated by ~~the Authority~~~~Pioneer~~Pioneer. This section shall not in any way be construed to limit the discretion of ~~the Authority~~~~Pioneer~~Pioneer to hire its own employees to administer the PACE Program, the CCA Program or any other program.

D. Independent Monitor. The Board may appoint or contract for the services of an independent monitor to review programs operated by ~~the Authority~~~~Pioneer~~Pioneer and to report to the Board.

E. Advisory Commissions, Boards or Committees. The Board may establish any advisory commissions, boards, and committees as the Board deems appropriate to assist the Board in carrying out its functions and implementing the CCA Program, other energy programs and the provisions of this Agreement which shall comply with the requirements of the Brown Act. The Board may establish rules, regulations, policies, bylaws or procedures to govern any such commissions, boards, or committees.

Section 7. Treasurer and Auditor-Controller

The Governing Board shall appoint a Treasurer for ~~the Authority~~~~Pioneer~~Pioneer. The Treasurer shall be the depository of ~~the Authority~~~~Pioneer~~Pioneer and shall have all of the duties and responsibilities specified in Section 6505.5 of the Act. The duties and obligations of the Treasurer are further specified in Section 9. The Governing Body shall appoint an Auditor-Controller for ~~the Authority~~~~Pioneer~~Pioneer in compliance with the Act. The Auditor-Controller of ~~the Authority~~~~Pioneer~~Pioneer shall make or contract with a certified public accountant to cause an annual audit in compliance with Section 6506 of the Act. ~~The authority~~~~Pioneer~~Pioneer of the Board to appoint a Treasurer and Auditor/Controller shall include ~~the authority~~~~Pioneer~~Pioneer to combine both offices to be held by one officer or employee pursuant to section 6505.6 of the Act.

Section 8. Special Voting Requirements and Voting Shares

A. Involuntary Termination~~ or Amendment~~. Action of the Board on ~~the~~ matters set forth in Section ~~14~~5~~15~~15A (involuntary termination of a Member)~~, or section 18~~ (amendment of this Agreement) shall require the affirmative vote of at least two-thirds of the Board Members; provided, however, the Member subject to

involuntary termination may not vote, and the number of Board Members constituting two-thirds of all Board Members shall be recalculated as if the Voting Member subject to possible termination were not a Voting Member.¶

B. Amendment. Action of the Board on matters set forth in Section ~~18~~19 (amendment of this Agreement) shall require ~~the~~an affirmative vote of at least two-thirds of the Board Members.¶

C. ~~B.~~ Eminent Domain. A decision to exercise the power of eminent domain on behalf of ~~the Authority~~~~Pioneer~~Pioneer to acquire any property interest other than an easement, right-of-way, or temporary construction easement shall require a vote of at least two-thirds of all Board Members.

D. ~~C.~~ Contributions by Members. The imposition on any Member of any obligation to make contributions or pledge assets as a condition of continued participation in the PACE Program, the CCA Program, or other energy programs shall require a vote of at least two-thirds of all Board Members and the approval of the governing boards of the Members and Associate Members who are being asked to make such contribution or pledge.

Section 9. Financial Provisions

A. Fiscal Year. For the purposes of this Agreement, ~~the Authority~~~~Pioneer~~Pioneer shall have such fiscal year from July 1 to and including the following June 30.

B. Depository. All funds of ~~the Authority~~~~Pioneer~~Pioneer shall be held in separate accounts in the name of ~~the Authority~~~~Pioneer~~Pioneer and not commingled with funds of any Member or any other person or entity. All funds of ~~the Authority~~~~Pioneer~~Pioneer shall be strictly and separately accounted for, and regular reports shall be rendered of all receipts and disbursements, at least quarterly during the fiscal year. The books and records of ~~the Authority~~~~Pioneer~~Pioneer shall be open to inspection by the Members at all reasonable times, The Board shall contract with a certified public accountant to make an annual audit of the accounts and records of ~~the Authority~~~~Pioneer~~Pioneer, which shall be conducted in accordance with the requirements of Section 6505 of the Act.

C. Expenditures. All expenditures shall be made in accordance with the approved budget and upon the approval of any officer so authorized by the Board in accordance with its Operating Rules and Regulations. The Treasurer shall draw checks or warrants or make payments by other means for claims or disbursements not within an applicable budget only upon the prior approval of the Board.

D. Budget. The initial budget shall be approved by the Board. The Board may revise the budget from time to time through an ~~Authority~~~~Pioneer~~Pioneer Document as may be reasonably necessary to address contingencies and unexpected expenses. All subsequent budgets of ~~the Authority~~~~Pioneer~~Pioneer shall be approved by the Board in accordance with the Operating Rules and Regulations.

E. Funding of Initial Costs. The County of Placer ~~has~~ funded certain activities necessary to implement the CCA Program. ~~If the CCA Program becomes operational, these initial costs paid by the County of Placer shall be included in the customer charges for electric services as provided by Section 14 to the extent permitted by law, and the County of Placer shall be reimbursed from the payment of such charges by customers of the Authority. Prior to such reimbursement, the County of Placer shall provide such documentation of costs paid as the Board may request. In the event that the CCA~~~~These~~These costs were repaid in full when the CCAP Program ~~does not become~~~~became~~became operational~~, the County of Placer shall not be entitled to any reimbursement of the initial costs it has paid from the Authority or any Member~~.

F. CCA Program Costs. The Members desire that all costs incurred by ~~the Authority~~~~Pioneer~~Pioneer that are directly or indirectly attributable to the provision of electric, conservation, efficiency, incentives, financing, or other services provided under the CCA Program, including but limited to the establishment and maintenance of various reserves and performance funds and administrative, accounting, legal, consulting, and other similar costs, shall be recovered through charges to CCA customers receiving such electric services, or from revenues from grants or other third-party sources.

Section 10. Implementation Action and ~~Authority~~~~Pioneer~~Pioneer Documents

A. Each Member shall adopt an ordinance or resolution in accordance with Public Utilities Code Section 366.2(c)(12) for the purpose of specifying that the Member intends to implement a CCA Program by and through its participation in ~~the Authority~~~~Pioneer~~Pioneer.

B. Each Member that wishes to participate in the CCA Program shall adopt a resolution expressing its desire to become a Member to this Agreement, and its intention to have the territory of the Member's jurisdiction included in the service territory of the CCA.

C. Each New Voting Member that wishes to participate in the PACE Program shall adopt a resolution authorizing it to become a Voting Member under this Agreement. Execution by such New Voting Member of this Agreement shall constitute consent to ~~Authority~~~~Pioneer~~Pioneer undertaking contractual assessment proceedings under Chapter 29 for all of the properties in such New Voting Member's incorporated area and to the contractual assessment financing of certain improvements (as enumerated from time to time in Chapter 29, "Improvements") by ~~Authority~~~~Pioneer~~Pioneer, upon the request by and voluntary agreement of owners of such properties, in compliance with the laws, rules and regulations applicable to ~~the Authority~~~~Pioneer~~Pioneer's PACE Program, and to the assumption of jurisdiction thereover by ~~Authority~~~~Pioneer~~Pioneer for the purposes thereof. Execution by such New Voting Member of this Agreement shall also serve to authorize ~~Authority~~~~Pioneer~~Pioneer to take each step required for it to provide contractual assessment financing for the Improvements, including the levying, collecting and enforcement of contractual assessments to finance the Improvements and the issuance and enforcement of bonds and other financing instruments to represent and be secured by such contractual assessments. The

New Voting Members shall not be required to adopt a PACE Agreement and shall not be subject to the rights and obligations set forth therein, but shall instead, upon becoming Voting Members hereunder, be subject to the rights and obligations expressly set forth herein.

~~The Authority~~~~Pioneer~~Pioneer may additionally provide PACE Programs pursuant to Chapter 29 within the boundaries of non-voting Associate Members, as described further in Section 16 herein.

D. Implementation Plan and Statement of Intent. ~~The Authority~~~~Pioneer~~Pioneer shall cause to be prepared an Implementation Plan and Statement of Intent meeting the requirements of California Public Utilities Code Section 366.2 and any applicable California Public Utilities Commission regulations. The Implementation Plan and Statement of Intent shall specify the service territory of the CCA to be within the boundaries of the Member jurisdictions that have taken the actions specified in A and B above. The Implementation Plan and Statement of Intent shall not be filed with the California Public Utilities Commission until it is approved by the Board in the manner provided by Section 5.

If a City or County adopts an ordinance and resolution pursuant to A and B above, expressing its desire to become a Member to this Agreement subsequent to the filing of the then most recently filed Implementation Plan and Statement of Intent, the Board shall direct the preparation and filing of a new or amended Implementation Plan and Statement of Intent to include the territory of the County or City as soon as reasonably practicable. The Board may require the County or City to pay the cost of preparation and submission of the Implementation Plan and Statement of Intent. Upon California Public Utilities Commission certification of the new or amended Implementation Plan and Statement of Intent, the Board shall take an action to approve the membership of the County or City. The County or City shall then be entitled to all rights under this Agreement, including a seat on the Board and voting rights pursuant to Section 5.A and Section 8.

E. Termination of CCA and PACE Program. Nothing contained in this Article or this Agreement shall be construed to limit the discretion of ~~the Authority~~~~Pioneer~~Pioneer to terminate the implementation or operation of the CCA or the PACE Program at any time in accordance with any applicable requirements of state law.

F. ~~Authority~~~~Pioneer~~Pioneer Documents. The Members acknowledge and agree that the affairs of ~~the Authority~~~~Pioneer~~Pioneer will be implemented through various documents duly adopted by the Board through Board resolution. The Members agree to abide by and comply with the terms and conditions of all such documents that may be adopted by the Board, subject to the Members' right to withdraw from ~~the Authority~~~~Pioneer~~Pioneer as described in Section 14.

Section 11. Records and Reports

The Board shall establish reporting requirements and direct staff to maintain such reports, including, but not limited to, funds and accounts as may be required by good accounting practice or by law. All books and records of ~~the Authority~~~~Pioneer~~Pioneer shall be open to inspection at

all reasonable times by any Member to this Agreement or its representatives. Annual audits of ~~the AuthorityPioneer~~Pioneer's accounts and records shall be made by an independent CPA firm, and reports shall be filed in the manner provided in Section 6505 of the California Government Code.

Section 12. Debts, Liabilities and Obligations

~~The AuthorityPioneer~~Pioneer is a public agency separate from the Members. Pursuant to Sections 6508.1 of the Act, the debts, liabilities or obligations of ~~the AuthorityPioneer~~Pioneer shall not be debts, liabilities or obligations of the individual Members unless the governing board of a Member agrees in writing to assume any of the debts, liabilities or obligations of ~~the AuthorityPioneer~~Pioneer. A Member who has not agreed to assume ~~an Authority~~aa Pioneer debt, liability or obligation shall not be responsible in any way for such debt, liability or obligation even if a majority of the Members agree to assume the debt, liability or obligation of ~~the AuthorityPioneer~~Pioneer. Should any debt, liability or obligation of ~~the AuthorityPioneer~~Pioneer not be waived or allowed payable through assets of ~~the AuthorityPioneer~~Pioneer, none of the County or City members shall be liable, except as provided by Government Code sections 895 through 895.8.

Section 13. Insurance and Indemnity

~~The AuthorityPioneer~~Pioneer shall acquire and maintain such insurance coverage as is necessary to protect the interests of ~~the AuthorityPioneer~~Pioneer, the Members, and the public. The insurance shall also contain a written endorsement to such policy or policies, which names each of the ~~[~~Voting Members~~]~~ as additional insureds. ~~The AuthorityPioneer~~Pioneer shall defend, indemnify, and hold harmless the Members, and each of their respective Board or Council members, officers, agents and employees, from any and all claims, losses, damages, costs, injuries, and liabilities of every kind arising directly or indirectly from the conduct, activities, operations, acts, and omissions of ~~the AuthorityPioneer~~Pioneer under this Agreement.

Section 14. Withdrawal

A. Right to Withdraw by Voting Member. A Voting Member may withdraw its participation in the CCA Program, effective as of the beginning of ~~the AuthorityPioneer~~Pioneer's fiscal year, by giving no less than 12 months advance written notice of its election to do so, which notice shall be given to ~~the AuthorityPioneer~~Pioneer and each Voting Member. Withdrawal of a Voting Member shall require an affirmative vote of its governing board.

B. Right to Withdraw By Voting Member After Amendment. Notwithstanding Section 14A, a Voting Member may withdraw its membership in ~~the AuthorityPioneer~~Pioneer following an amendment to this Agreement adopted by the Board which the Board Member appointed as the representative of a Voting Member voted against provided such notice is given in writing within thirty (30) days following the date of the vote. Withdrawal of a Member shall require an affirmative vote of its governing board and shall not be subject to the twelve month advance notice provided in Section 14A. In the event of such withdrawal, the Member shall be subject to the provisions of Section 15B.

C. Continuing Liability; Further Assurances. A Voting Member that withdraws its participation in the CCA Program may be subject to certain continuing liabilities

as described in Section 15B. The withdrawing Voting Member and ~~the Authority~~~~Pioneer~~Pioneer shall execute and deliver all further instruments and documents, and take any further action that may be reasonably necessary, as determined by the Board, to effectuate the orderly withdrawal of such Voting Member from participation in the CCA Program.

D. Withdrawal of Associate Member. The rights of an Associate Member to withdraw from ~~the Authority~~~~Pioneer~~Pioneer shall be governed by the applicable PACE Agreement or CCC Agreement.

Section 15. Termination

A. Involuntary Termination of a Member. Participation of a Member in the CCA program may be terminated for material non-compliance with provisions of this Agreement or any other agreement relating to the Member's participation in the CCA Program upon a vote of Board Members as provided in Section 8A. Prior to any vote to terminate participation with respect to a Member, written notice of the proposed termination and the reason(s) for such termination shall be delivered to the Member whose termination is proposed at least 30 days prior to the regular Board meeting at which such matter shall first be discussed as an agenda item. The written notice of proposed termination shall specify the particular provisions of this Agreement or other agreement that the Member has allegedly violated. The Member subject to possible termination shall have the opportunity at the next regular Board meeting to respond to any reasons and allegations that may be cited as a basis for termination prior to a vote regarding termination. A Member that has had its participation in the CCA Program terminated may be subject to certain continuing liabilities, as described in Section 15B.

B. Continuing Liability; Refund. Upon a withdrawal or involuntary termination of a Member, the Member shall remain responsible for any claims, demands, damages, or liabilities arising from the Member's membership or participation in the CCA Program through the date of its withdrawal or involuntary termination, it being agreed that the Member shall not be responsible for any liabilities arising after the date of the Member's withdrawal or involuntary termination. Claims, demands, damages, or liabilities for which a withdrawing or terminated Member may remain liable include, but are not limited to, losses from the resale of power contracted for by ~~the Authority~~~~Pioneer~~Pioneer to serve the Member's load. With respect to such liability, upon notice by an Member that it wishes to withdraw from the program, ~~the Authority~~~~Pioneer~~Pioneer shall notify the Member of the minimum waiting period under which the Member would have no costs for withdrawal if the Member agrees to stay in the CCA Program for such period. The waiting period will be set to the minimum duration such that there are no costs transferred to remaining ratepayers. If the Member elects to withdraw before the end of the minimum waiting period, the charge for exiting shall be set at a dollar amount that would offset actual costs to the remaining ratepayers, and may not include punitive charges that exceed actual costs. In addition, such Member also shall be responsible for any costs or obligations associated with the Member's participation in any program in accordance with the provisions of any agreements relating to such program provided such costs or obligations were incurred prior to the withdrawal of the Member. ~~The Authority~~~~Pioneer~~Pioneer

may withhold funds otherwise owing to the Member or may require the Member to deposit sufficient funds with ~~the AuthorityPioneer~~Pioneer, as reasonably determined by ~~the AuthorityPioneer~~Pioneer and approved by a vote of the Board, to cover the Member's liability for the costs described above. Any amount of the Member's funds held on deposit with ~~the AuthorityPioneer~~Pioneer above amounts not required to pay any liabilities or obligations shall be returned to the Member. The liability of any Member under this section 15B is subject and subordinate to the provisions of Section 12, and nothing in this section 15B shall reduce, impair, or eliminate any immunity from liability provided by Section 12.

C. Mutual Termination. This Agreement may be terminated by mutual agreement of all the Voting Members; provided, however, the foregoing shall not be construed as limiting the rights of a ~~AssociateVoting~~Voting Member to withdraw its participation in the CCA Program, as described in Section 14A.

D. Disposition of Property upon Termination of ~~AuthorityPioneer~~Pioneer. Upon termination of this Agreement, any surplus money or assets in possession of ~~the AuthorityPioneer~~Pioneer for use under this Agreement, after payment of all liabilities, costs, expenses, and charges incurred under this Agreement and under any program documents, shall be returned to the then-existing Voting Members in proportion to the contributions made by each. If no such contributions have been made, then such surplus after payment of all liabilities, costs, expenses, and charges shall be distributed to each Voting Member based on Annual Energy Use Divided by Total Annual Energy, multiplied by 100. "Annual Energy Use" means the annual electricity usage, expressed in kilowatt hours ("kWh") within the Voting Member's respective jurisdiction, and "Total Annual Energy" means the sum of all the Members Annual Energy Use. All measures of kilowatt hours shall be set using the electric load forecast upon which the current annual budget was based. If a Member has more than one Board Member, the distribution will be made pursuant to the above calculation as it relates to the respective jurisdiction.

E. Negotiations with Associate Members. If the Voting Members wish to terminate this Agreement, or if the Voting Members elect to withdraw from the CCA Program following an amendment to this Agreement as provided in Section 14B, but two or more Associate Members wish to continue to participate in the CCA Program, the Voting Members will negotiate in good faith with such Associate Members to allow the Associate Members to become the Voting Members to this Agreement or to effect a transfer of CCA Program operations to another entity.

Section 16. Associate Members

A. With the approval of the Board, any qualified public agency (as defined by Section 6500 of the JPA law) may become a non-voting Associate Member of this Agreement for purposes of participating in the CCA Program. A public agency requesting such membership may apply by presenting to ~~the AuthorityPioneer~~Pioneer a resolution of the public agency approving of this form of participation.

B. Any qualified public agency (as defined by Section 6500 of the JPA law) may become a non-voting Associate Member of this Agreement for purposes of

participating in the PACE Program upon (i) such qualified public agency (a) adopting a resolution expressing its desire to become a non-voting Associate Member to this Agreement and authorizing the implementation of a PACE Program within the boundaries of its jurisdiction and (b) executing a PACE Agreement and (ii) the Board approving the qualified public agency as a non-voting Associate Member.

C. The date and terms upon which the applying public agency will become a non-voting Associate Member will be determined by the Board and set forth in a CCA Agreement or PACE Agreement, as applicable.

Section 17. Termination of Powers

~~The Authority~~~~Pioneer~~Pioneer shall continue to exercise the powers herein conferred upon it until termination of this Agreement, and thereafter shall continue to exercise only such powers as to enable it to pay and discharge all costs, expenses, and charges legally incurred hereunder, and to dispose of, divide and distribute any property required as a result of the joint exercise of such powers.

Section 18. Disposition of Assets; Property and Money

Upon termination of this Agreement under Section ~~14~~~~15~~15, all costs, expenses, and charges legally incurred by ~~the Authority~~~~Pioneer~~Pioneer shall be paid and discharged; and ~~the Authority~~~~Pioneer~~Pioneer shall sell such property as may be necessary and shall distribute to the federal or State government such property and funds as are lawfully required; the balance of such property and any surplus money on hand shall be distributed or returned in proportion to contributions made by the affected Members except to the extent otherwise agreed upon by the affected Members.

Section 19. Amendments

This Agreement may ~~not~~~~only~~only be amended ~~except~~ by a written amendment approved by a vote of Board ~~members~~~~Members~~Members as provided in Section 8. ~~The Authority~~~~Amendments to Section 4~~Amendments to Sections 4, 14.A. and B of this Agreement, and the addition of new Voting Members shall also be separately approved by a duly adopted resolution of the governing board of each Member. Pioneer shall provide written notice to all Members of amendments to this Agreement~~, including the effective date of such amendments,~~ at least ~~30~~forty-five (45) days prior to the date upon which the proposed amendment is being considered by the Board~~ votes on such amendments. Any~~. If the proposed amendment ~~required to add a new Voting Member shall only be executed by the Voting Members. Any amendment required to add a new Associate Member shall only be executed~~~~is~~is adopted by the ~~new Associate Member and~~~~Board~~Board, the Authority shall provide prompt written notice to all Members of the effective date of such amendment along with a copy of the amendment.

Section 20. Severability

Should any part, term or provision of this Agreement be decided by a court of competent jurisdiction to be illegal or in conflict with any law of the State of California, or otherwise be rendered unenforceable or ineffectual, the validity of the remaining portions of provisions shall not be affected thereby.

Section 21. Entire Agreement

This Agreement contains the entire agreement between the Members and supersedes all prior understanding between them with respect to the subject matter of this Agreement. There are no promises, terms, conditions or obligations, oral or written, between or among the Members relating to the subject matter of this Agreement that are not fully expressed in this Agreement. This Agreement may not be modified, changed, supplemented or terminated, nor may any obligation under this Agreement be waived, except as provided in Section 19.

Section 22. Counterparts and Effective Date

This Agreement may be executed in counterparts and be as valid and binding as if each Member signed the same copy. A faxed copy of the executed signature page shall be sufficient to cause the terms of this Agreement to become fully operative. The effective date of the Agreement shall be the date that the ~~second member has~~ last Voting Member h executed ~~the~~this Agreement~~,~~.

WITNESS THE AGREEMENT HEREOF the date set opposite our respective entities:

IN WITNESS WHEREOF, the parties have executed this ~~Amendment No~~Revised Second Amended and Restated Joint Powers Agreement. ~~3.~~

EXECUTED ON	COUNTY OF EL DORADO, a political subdivision
	And approved as to form _____
By _____	ATTEST:

Chairman, Board of Supervisors

_____

¶

SIGNATURES CONTINUED ON NEXT PAGE¶

¶

EXECUTED ON

By _____
Chairman, Board of Supervisors

COUNTY OF PLACER, a political subdivision

And approved as to form _____

ATTEST:

_____

SIGNATURES CONTINUED ON NEXT PAGE¶

CITY OF AUBURN, a Municipal Corporation

EXECUTED ON

And approved as to form _____

ATTEST:

By _____
Mayor, City Council

_____

¶¶
¶¶

SIGNATURES CONTINUED ON NEXT PAGE

CITY OF COLFAX, a Municipal Corporation

EXECUTED ON

And approved as to form _____

ATTEST:

By _____
Mayor, City Council

_____

¶¶

~~CITY OF ROCKLIN, a Municipal Corporation¶¶~~
~~¶¶~~

~~EXECUTED ON _____¶¶~~

~~By: _____¶¶~~
~~Mayor, ¶~~

SIGNATURES CONTINUED ON NEXT PAGE¶¶

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EXECUTED ON

CITY OF GRASS VALLEY, a Municipal Corporation

And approved as to form _____

By _____
Mayor, City Council

ATTEST:

_____

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SIGNATURES CONTINUED ON NEXT PAGE¶¶
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CITY OF LINCOLN, a Municipal Corporation

EXECUTED ON

And approved as to form _____

ATTEST:

By _____
Mayor, City Council

_____

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SIGNATURES CONTINUED ON NEXT PAGE¶¶
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EXECUTED ON

CITY OF NEVADA CITY, a Municipal Corporation

And approved as to form _____

By _____
Mayor, City Council

ATTEST:

_____

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SIGNATURES CONTINUED ON NEXT PAGE¶¶
¶¶

EXECUTED ON

CITY OF PLACERVILLE, a Municipal Corporation

And approved as to form _____

By _____
Mayor, City Council

ATTEST:

_____

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SIGNATURES CONTINUED ON NEXT PAGE¶¶
¶¶

CITY OF ROCKLIN, a Municipal Corporation

EXECUTED ON

And approved as to form _____

ATTEST:

By _____
Mayor, City Council

_____

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SIGNATURES CONTINUED ON NEXT PAGE¶¶
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¶¶

¶

TOWN OF LOOMIS, a Municipal Corporation

EXECUTED ON

And approved as to form _____

ATTEST:

By _____
Mayor, Town Council

_____

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SIGNATURES CONTINUED ON NEXT PAGE¶¶

¶¶

Exhibit A¶

Voting Members and Associate Members¶¶

¶¶

Section A.1 Voting Members ¶

City ~~Council~~~~of~~of Auburn¶¶

¶¶

~~And approved as to form:¶¶~~

¶¶

_____

City ~~Attorney~~~~of~~of Colfax¶¶
¶¶
~~ATTEST:¶¶~~

¶¶

_____

City ~~Clerk~~~~of~~of Grass Valley ¶¶
~~¶¶~~

¶¶

TOWN OF LOOMIS, a Municipal Corporation¶¶

¶¶

EXECUTED ON _____¶¶

By: _____¶¶
Mayor, ¶

City of Lincoln¶¶

City of Nevada City

City of Nevada City¶¶

City of Placerville¶

City of Rocklin¶

County of El Dorado¶

County of Placer¶

Town of Loomis¶¶

¶¶

And approved as to form:¶¶

¶¶

¶¶
Town Attorney¶¶

¶¶

ATTEST:¶¶

¶¶

¶¶
Town Clerk¶¶

¶¶

¶¶

CITY OF LINCOLN, a Municipal Corporation¶¶

¶¶

EXECUTED ON _____¶¶

By: _____¶¶
Peter Gilbert, Mayor¶¶

¶¶

And approved as to form:¶¶

¶¶

¶¶
Mona Ebrahirni, ¶

Section A.2 Associate Members¶

City Attorneyofof Folsom¶¶

¶¶

ATTEST:¶¶

¶¶

¶¶
Gwen Scanlon, City Clerk¶¶

¶¶

¶¶

¶

County of Sacramento¶

Town of Truckee¶¶

¶¶

¶¶

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~~Document 2 ID~~	~~iManage://RWGDM1/RWGIMAN1/2852296/7~~
~~Description~~	~~#2852296v7<RWGIMAN1> - 2d Amended and Restated JPA to reflect Board Direction 101923~~
~~Rendering set~~	~~Red same color all changes~~

~~Legend:~~	
~~Insertion~~	
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Document comparison by Workshare 10.0 on Wednesday, August 14, 2024 1:39:52 PM

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Document 2 ID	iManage://RWGDM1/RWGIMAN1/2976967/1
Description	#2976967v1<RWGIMAN1> - 06.11.2024 Clean Revised 2nd Amended and Restated JPA
Rendering set	Standard

Legend:	
Insertion	
~~Deletion~~	
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Moved to	
Style change	
Format change	
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Deleted cell	
Moved cell	
Split/Merged cell	
Padding cell	

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Moved to	4
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Format changes	0
Total changes	555

Staff Report – Item 4

To:	The Governing Board
From:	Patrick Enright, General Counsel Don Eckert, Executive Director
Item 4:	**Adopt Resolution of the Governing Board of Pioneer Community Energy Approving the Revised Second Amended and Restated Joint Powers Agreement for Pioneer Community Energy**
Date:	6/20/2024

RECOMMENDATION

Adopt a Resolution of the Governing Board of Pioneer Community Energy Approving the Revised Second Amended and Restated Joint Powers Agreement (hereinafter "**Revised JPA**") for Pioneer Community Energy with any changes requested by the Governing Body.

BACKGROUND

In 2015, the Placer County and the City of Colfax entered into a Joint Powers Agreement (JPA) for the purpose of establishing the Sierra Valley Energy Authority to operate a PACE program. In 2017, the JPA was amended and restated to rename the agency Pioneer Community Energy, create a community choice aggregation program and add the cities of Auburn, Lincoln, Rocklin, and the Town of Loomis as member agencies. Since then, that First Amended and Restated JPA has been amended five times to make minor text changes and add new members.

On November 16, 2023, the Governing Board considered the Second Amended and Restated JPA and authorized staff to give thirty (30) days-notice to each member agency and proceed with the formal amendment process. Since the thirty (30) days has been provide and the Revised JPA is a continuation of the process to amend the JPA per comments from Board Agencies, there is no requirement to provide an additional thirty (30) days prior to the Governing Board approving the Revised JPA.

At the January 18, 2024 meeting, the Board of Directors approved the Second Amended and Restated Joint Powers Agreement (hereinafter "**Second JPA**"). Any amendment to the JPA requires a vote of all Board Members. Pioneer forwarded the Revised JPA to each of the Members. All of the Board Members have adopted Resolutions to approve the Revised JPA except for the Town of Loomis ("Loomis") and the City of Rocklin ("Rocklin").

The proposed Second JPA made the following revisions and changes to the JPA:

- **Name.** Change name of agency to Pioneer Community Energy throughout (this was legally effectuated by a resolution adopted in 2017 but references to Sierra Valley Energy Authority remained in the First Amended and Restated); likewise changed references to "the Authority" to "Pioneer" for ease of reading.
- **Recitals.** Update recitals to reflect history of Pioneer and subsequent amendments.
- **Effective date.** Revise effective date to reflect Second Amended and Restated.
- **Exhibit A for List of Members.** Remove references to specific member agencies in Sections 2 and 5 and of the JPA, moving the list of the members to a new Exhibit A for easier reference and updating.

- **Special Voting Requirements.** Revise Section 8 to separate the discussion of involuntary termination of a member from the discussion of general amendments to the JPA. We moved but did not change the requirement that amendments of the JPA require a 2/3 vote of the Governing Board.
- **Amendments.** Revise Section 19, Amendments, to specify that only amendments to Section 4, Powers, and the addition of new member agencies requires approval by separate resolutions of each of the member agencies and to make other changes to streamline the amendment process.
- **Satisfied/completed obligations.** Revise sections that have now been completed to indicate they are satisfied (for example, Section 9E, which describes the provision of start-up funding by Placer County).
- **Clean-up.** Fix incorrect cross references, revise confusing references and typos.

The bulk of the changes proposed were clarifying or clerical in nature. The primary substantive proposed change to the Second JPA was to Section 19. Currently, notice of a proposed amendment must be sent to each member agency 30 days in advance of the Board considering the amendment. A two-thirds majority of the Board is required to approve an amendment. Further, the amendment must be approved by separate resolution of each of the member agencies, and finally, notice must be provided to members after the amendment is final.

The Second JPA approved by the Board of Directors on January 18, 2024, simplified the amendment process that do not directly impact the member agencies or change the nature of Pioneer or its powers. The Second JPA provided a simplified process for amendments except for amendments to Section 4 (Powers) and amendments to add a new party to the JPA. For all amendments, except for section 14 and to add a new member, the Second JPA may be amended by a 2/3 vote of the Board of Directors. There is no longer a requirement for each member agency to approve by resolution the amendments to the JPA. For those amendments to section 4 and to add a new member, there was still the requirement for a separate resolution of each member agency to amend the JPA.

All other amendments could be approved by the Board with a two-thirds vote, with notice provided to the member agencies 30 days prior and after the action. Individual member agency approval by resolution would not be required. This is intended to allow amendments that are more internal in nature (affecting board membership, basic governance, etc.) to proceed with solely a Board vote. That said, member agencies would be given thirty (30) days written notice and an opportunity to object to any proposed amendment.

Status of Approval of Second Amended and Restated Joint Powers Agreement

All Members Agencies approved the Second JPA except for Loomis and Rocklin. Loomis and Rocklin have different concerns, but the concerns revolved around the amendment to section 19 of the Second JPA that eliminated the requirement for most amendments to the JPA to be approved by resolution of each of the Member Agencies.

To address these concerns, Loomis proposed three options that greatly expand the amendments that need approval by resolution of all of the Board Agencies or do increase the time for Member Agencies to have to consider any amendments before the Pioneer Board of Directors approve any amendments, Staff after meeting with Loomis representatives is recommending that prior to the Board approving any amendment that each Member Agencies receive at forty-five (45) days written note, which is an increase from thirty (30) days. Loomis had request sixty (60) days, but is agreeable to forty-five (45) days. This also addresses Loomis' concern that their Council only meets once a month and give the Town Council an opportunity to comment before any proposed amendment. Please attached a copy of the options that Loomis proposed for modifying the Second JPA.

Rocklin is requesting that Section 19 be amended to include section 14.A and B concerning the withdrawal of members from the JPA. Therefore, any amendment to section 14.A and B will require a resolution of approval from each of the Member Agencies.

ANALYSIS & DISCUSSION

Staff had discussions with representatives from Loomis and Rocklin and proposes the following modifications to the Second Amended and Restated Joint Powers Agreement as originally adopted by the Board of Directors in January.

- **Amendments.** Revise Section 19, Amendments, to specify that besides amendments to Section 4, Powers, and the addition of new member agencies, that a unanimous vote of all of the members agencies is required to amend section 14.A and B of the JPA addressing withdrawals from the JPA. Any changes to Sections 4, 14.A and B and adding a new member will require approval by separate resolutions of each of the member agencies and to make other changes to streamline the amendment process.
- **Expand Notice Requirement.** Revise section 19 to require at least 45 days' notice to all Members of any proposed amendments to the JPA. This is an increase from thirty (30) days' notice, and reflect that the Town of Loomis has only one regular meeting per month to consider any proposed amendments.
- **Change Title of Executive Director to Chief Executive Officer.** Per the Employment Agreement recently entered into with Executive Director changing his title to Chief Executive Officer this change will ratify the change in title for the Executive Director.

There are no other changes from the 2nd JPA adopted by the Board of Directors on January 18, 2024. if the Board of Directors approve the Revised JPA, the Revised JPA must be approved by separate resolution of each of the member agencies, and finally, notice must be provided to members after the amendment is final.

STRATEGIC PLAN

The report supports the Strategic Priority: Operational Excellence.

FISCAL IMPACT

The Revised Second Amended and Restated JPA will not have any direct fiscal impact beyond the time of staff and General Counsel to process the amendment.

ATTACHMENTS

1. Resolution Approving Revised Second Amended and Restated JPA
2. Second Amended and Restated JPA approved by the Board on January 19, 2024
3. Redline version between the Second Amended and Restated JPA and the Revised Second Amended and Restated JPA.
4. Options of Town of Loomis

City of Grass Valley
City Council
Agenda Action Sheet

Title: Changing Historical Commission Meeting Times
CEQA: Not a Project
Recommendation: That Council adopt Resolution No. 2024-67 changing the regular meetings of the Historical Commission to 3:00 p.m. on the second Tuesday of each calendar month beginning October 1, 2024.

Prepared by: Timothy M. Kiser, City Manager

Council Meeting Date: September 10, 2024 **Date Prepared:** September 5, 2024

Agenda: Administrative

Background Information: At their meeting of August 13, 2024 the Grass Valley Historical Commission requested a time change from 4:00 p.m. on the second Tuesday of the month to 3:00 p.m. on the second Tuesday of the month. Their request is due to their possible need for lengthy discussions that may be unduly cut short due to the City Council meetings that were change to 6:00 p.m. and which follow their meetings.

Council Goals/Objectives: The execution of this action attempts to achieve Strategic Goal #5 – High-Performance Government and Quality Service.

Fiscal Impact: There is no fiscal impact with this proposed action.

Funds Available: N/A **Account #:** N/A

Reviewed by: City Manager **Attachments:** Resolution 2024-67

RESOLUTION NO. 2024-67

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GRASS VALLEY ESTABLISHING REGULAR HISTORICAL COMMISSION MEETING TIMES

WHEREAS, Section 1 ("Meetings.") of Article VI ("The Council, Powers and Duties") of the Grass Valley City Charter authorizes the City Council to "hold regular monthly meetings at time fixed by ordinance or resolution"; and

WHEREAS, the City Council recently approved Resolution 2023-66 to change the meeting time of its regular City Council meetings from 7:00 p.m. to 6:00 p.m. beginning January **1,** 2024.

WHEREAS, the City Council desires to change the meeting time of its regular Historical Commission meetings from 4:00 p.m. to 3:00 p.m. beginning October **1,** 2024.

NOW THERFORE BE IT RESOLVED by the City Council of the City of Grass Valley as follows:

1. **Recitals.** That the foregoing statements are true and correct.

2. **Meeting Time.** Regular meetings of the Historical Commission shall be held at 3:00 p.m. on the second Tuesday of each calendar month beginning October 1, 2024.

3. **Effective Date.** This Resolution shall take effect immediately upon adoption.

4. **Certification.** The Grass Valley City Clerk shall attest to the passage and adoption of this Resolution and its approval by the City Council and shall cause the same to be listed in the records of the City.

ADOPTED as a Resolution by the City Council of the City of Grass Valley at a regular meeting thereof held on the 10th day of September 2024, by the following vote:

AYES:
NOES:
ABSTAINS:
ABSENT:

_____
Jan Arbuckle, Mayor

ATTEST:

_____
Taylor Whittingslow, City Clerk

APPROVED AS TO FORM:

_____
Michael G. Colantuono, City Attorney

City of Grass Valley
City Council
Agenda Action Sheet

Title: Habitat for Humanity – Approve Parcel Map

CEQA: Categorically Exempt – Class 15 "Minor Land Divisions"

Recommendation: That Council 1) approve the findings that the project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA); and 2) approve Parcel Map 24PLN-05; and 3) approve the Resolution 2024-70 accepting the public utility easements.

Prepared by: Bjorn P. Jones, PE, City Engineer

Council Meeting Date: 09/10/2024 **Date Prepared:** 09/05/2024

Agenda: Consent

Background Information: On April 18, 2024, the Planning Commission conditionally approved Development Review Application 24PLN-05 for a Habitat for Humanity Parcel Map. Located on Ventana Sierra Drive (APN# 035-140-022), the project proposes a subdivision of the 0.62-acre parcel into two parcels. The Parcel Map has been reviewed by the City Surveyor and deemed technically correct.

Staff recommends that Council approve Parcel Map 24PLN-05 and adopt the attached Resolution 2024-70, accepting the public utility easements.

Council Goals/Objectives: Parcel Map approval executes portions of work tasks towards achieving/maintaining Strategic Goal – Community and Sense of Place.

Fiscal Impact: Project costs associated with the review and approval of the Parcel Map for Development Review Application 24PLN-05 are 100% born by the developer.

Funds Available: N/A **Account #:** N/A

Reviewed by: City Manager **Attachments:** Parcel Map 24PLN-05
Resolution 2024-70

RESOLUTION NO. 2024-70

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GRASS VALLEY ACCEPTING A PUBLIC UTILITY EASEMENT

WHEREAS, the Planning Commission conditionally approved Development Review Application 24PLN-05 on April 18, 2024; and

WHEREAS, a condition of approval required the dedication of a Public Utility Easements;

NOW THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GRASS VALLEY, as follows:

1. The City accepts said public utility easements for public purposes.

ADOPTED as a Resolution by the City Council of the City of Grass Valley at a regular meeting thereof held on the 10th day of September 2024, by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

_____
Jan Arbuckle, MAYOR

APPROVED AS TO FORM:

_____
Michael G. Colantuono, CITY ATTORNEY

ATTEST:

_____
Taylor Whittingslow, CITY CLERK

PARCEL MAP NO. 24PLN-05
HABITAT FOR HUMANITY
PHASE 1

BEING PARCEL A ON THAT PARCEL MAP FILED IN THE OFFICE OF THE NEVADA COUNTY RECORDER
IN BOOK 22 OF PARCEL MAPS, AT PAGE 16
BEING A PORTION OF SECTIONS 14, 15, 22 &23, TOWNSHIP 16 NORTH, RANGE 8 EAST, M.D.B. & M.
WITHIN THE INCORPORATED CITY OF GRASS VALLEY, COUNTY OF NEVADA, STATE OF CALIFORNIA
AUGUST, 2024

OWNER'S STATEMENT

THE UNDERSIGNED HEREBY STATE THAT THEY ARE THE ONLY PERSONS HAVING ANY RECORD TITLE INTEREST IN THE REAL PROPERTY INCLUDED WITHIN THIS SUBDIVISION AND HEREBY CONSENT TO THE PREPARATION AND RECORDATION OF THIS PARCEL MAP.

THE REAL PROPERTY DESCRIBED BELOW IS HEREBY DEDICATED AS AN EASEMENT FOR PUBLIC PURPOSES:

1. PUBLIC UTILITY EASEMENTS (P.U.E.) WHERE SHOWN, FOR PUBLIC UTILITIES, AND INCLUDES RIGHTS FOR CONSTRUCTION, RECONSTRUCTION, ACCESS TO AND MAINTENANCE OF, IMPROVEMENTS AND STRUCTURES, WHETHER COVERED OR OPEN, AND THE CLEARING OF OBSTRUCTIONS AND VEGETATION.

THE EASEMENTS DESCRIBED BELOW ARE ESTABLISHED FOR PRIVATE PURPOSES FOR THE BENEFIT OF ALL THE LOTS, OR AS SPECIFICALLY SHOWN ON THIS PARCEL MAP:

2. DRAINAGE EASEMENT (D.E.) WHERE SHOWN, FOR INSTALLATION, ACCESS, MAINTENANCE OF DRAINAGE FACILITIES AND APPURTENANCES THERETO.
3. PRIVATE ACCESS, AND DRAINAGE EASEMENT (P.A.D.E.) WHERE SHOWN FOR INSTALLATION OF ALL PRIVATE UTILITIES, VEHICULAR ACCESS, MAINTENANCE AND APPURTENANCES THERETO.

NEVADA COUNTY HABITAT FOR HUMANITY, A CALIFORNIA NON-PROFIT CORPORATION

BY: _____

PRINT NAME: _____ TITLE: _____

NOTARY ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA, COUNTY OF _____

On _____, before me, _____, Notary Public,

personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signatures(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

_____ _____
Signature Printed Name

My Registration Number: _____ and Expires on: _____

My Principal Place of Business is: _____ county.

SCO PLANNING ENGINEERING SURVEYING
140 LITTON DRIVE, SUITE 240
GRASS VALLEY, CA 95945
530.272.5841 / www.scopeinc.net

SURVEYOR'S STATEMENT

THIS MAP WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED ON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF NEVADA COUNTY HABITAT FOR HUMANITY, IN AUGUST OF 2023 AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN. I HEREBY STATE THAT ALL MONUMENTS ARE OF THE CHARACTER AND OCCUPY THE POSITIONS INDICATED AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

_____ _____
DATE MARTIN WOOD, P.L.S. 8321

LICENSED LAND SURVEYOR
MARTIN D. WOOD
L.S. 8321
STATE OF CALIFORNIA

CITY SURVEYOR'S STATEMENT

THIS PARCEL MAP HAS BEEN EXAMINED BY ME AND I AM SATISFIED THAT THIS MAP IS TECHNICALLY CORRECT THIS _____ DAY OF _____ 2024.

_____
MICHAEL MAYS, PLS 6967
CITY OF GRASS VALLEY

CITY ENGINEER'S STATEMENT

THIS PARCEL MAP HAS BEEN EXAMINED BY ME AND THE PARCEL MAP AS SHOWN IS SUBSTANTIALLY THE SAME AS IT APPEARED ON THE TENTATIVE MAP, AND ANY APPROVED ALTERATIONS THEREOF; ALL PROVISIONS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCES APPLICABLE AT THE TIME OF APPROVAL OF THE TENTATIVE MAP HAVE BEEN COMPLIED WITH THIS _____ DAY OF_____ 2024.

_____
BJORN JONES R.C.E. 75378
CITY OF GRASS VALLEY

CITY COUNCIL'S STATEMENT:

THIS IS TO CERTIFY THAT THE CITY COUNCIL OF GRASS VALLEY, STATE OF CALIFORNIA, BY A MOTION ADOPTED AT A MEETING HELD ON THE _____ DAY OF _____ 2024. DID APPROVE FOR FILING OF THIS PARCEL MAP NO. 24PLN-05, CONSISTING OF 3 SHEETS, AND ACCEPTED FOR PUBLIC PURPOSES ITEM 1 OF THE OWNER'S STATEMENT AS SHOWN HEREON.

_____ _____ _____
TAYLOR DAY DATE
CITY CLERK

COUNTY RECORDER'S STATEMENT

FILED THIS_____ DAY OF _____, 2024 AT _____M. IN BOOK_____
OF PARCEL MAPS, AT PAGE _____AT THE REQUEST OF NEVADA COUNTY HABITAT FOR HUMANITY, A CALIFORNIA NON-PROFIT CORPORATION.

DOCUMENT # _____ _____
NATALIE ADONA
NEVADA COUNTY CLERK RECORDER

FEE: _____ BY: _____
DEPUTY

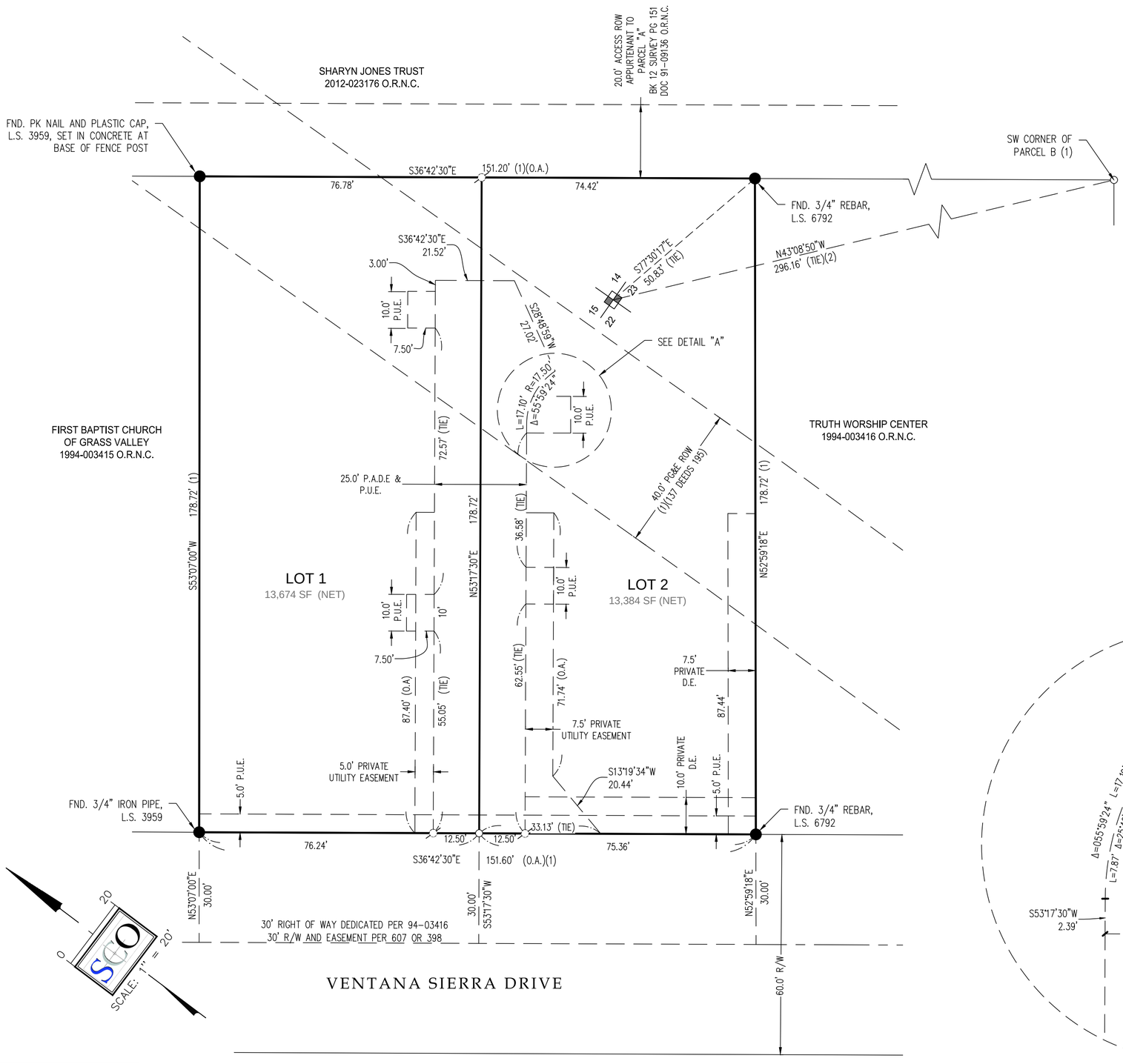
SHEET 1 OF 3

PARCEL MAP NO. 24PLN-05

HABITAT FOR HUMANITY

PHASE 1

BEING PARCEL A ON THAT PARCEL MAP FILED IN THE OFFICE OF THE NEVADA COUNTY RECORDER IN BOOK 22 OF PARCEL MAPS, AT PAGE 16
BEING A PORTION OF SECTIONS 14 , 15, 22 & 23, TOWNSHIP 16 NORTH, RANGE 8 EAST, M.D.B. & M.
WITHIN THE INCORPORATED CITY OF GRASS VALLEY, COUNTY OF NEVADA, STATE OF CALIFORNIA
AUGUST, 2024



BASIS OF BEARING

THE BASIS OF BEARINGS IS BASED ON BOOK 22 OF PARCEL MAPS PAGE 16.

LEGEND

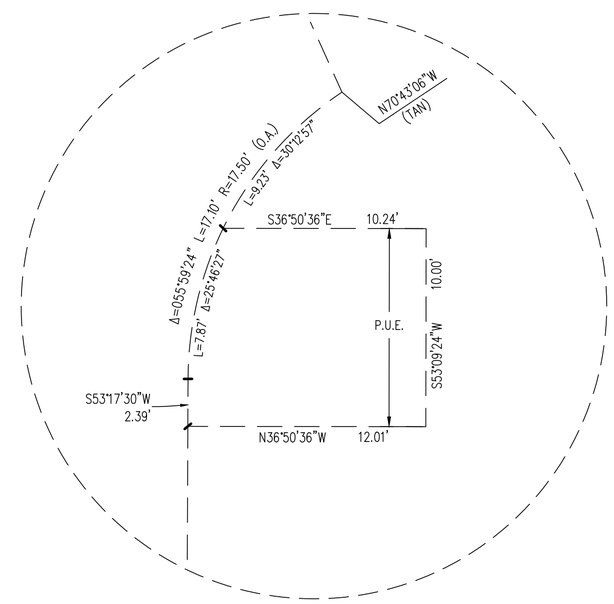
- FOUND, 5/8" REBAR W/CAP, STAMPED "P.L.S. 8321", OR AS DESCRIBED
- SET 5/8" REBAR W/ CAP, STAMPED "P.L.S. 8321".
- NOTHING FOUND/ NOTHING SET

(OA)	OVERALL
D.E.	PRIVATE DRAINAGE EASEMENT
O.R.N.C.	OFFICIAL RECORDS NEVADA COUNTY
P.A.D.E.	PRIVATE ACCESS AND DRAINAGE EASEMENT
(1)	PARCEL MAPS, BOOK 22, PAGE 16, O.R.N.C.
(2)	PARCEL MAPS, BOOK 19, PAGE 119, O.R.N.C.

- SECTION CORNER (NOTHING FOUND)

NOTES:

1. RIGHT OF WAY EASEMENT PER DOCUMENT 423 OR 151
2. RIGHT OF WAY EASEMENT PER DOCUMENT 607 OR 398
3. AN INGRESS AND EGRESS EASEMENT PER DOCUMENT 1972-11845
4. RIGHT OF WAY AN OFFER FOR DEDICATION TO CITY OF GRASS VALLEY WAS RECORDED AS 94-03416.



DETAIL "A"

SCALE: 1"= 5'

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GRASS VALLEY, CA 95945
530.272.5841 / www.scopeinc.net

FIRST BAPTIST CHURCH
OF GRASS VALLEY
1994-003415 O.R.N.C.

SHEET 2 OF 3

ADDITIONAL INFORMATION SHEET
NO. 24PLN-05
HABITAT FOR HUMANITY
PHASE 1

BEING PARCEL A ON THAT PARCEL MAP FILED IN THE OFFICE OF THE NEVADA COUNTY RECORDER
IN BOOK 22 OF PARCEL MAPS, AT PAGE 16
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WITHIN THE INCORPORATED CITY OF GRASS VALLEY, COUNTY OF NEVADA, STATE OF CALIFORNIA
AUGUST, 2024

THE ADDITIONAL INFORMATION SHOWN HEREON IS FOR INFORMATIONAL PURPOSES. DESCRIBING CONDITIONS AS OF THE DATE OF FILING, AND IS NOT INTENDED TO AFFECT RECORD TITLE INTEREST.

9a. CONSULTATION IN THE EVENT OF INADVERTENT DISCOVERY OF HUMAN REMAINS: IN THE EVENT THAT HUMAN REMAINS ARE INADVERTENTLY ENCOUNTERED DURING ANY PROJECT ASSOCIATED GROUND-DISTURBING ACTIVITY OR AT ANY TIME SUBSEQUENTLY, STATE LAW SHALL BE FOLLOWED, WHICH INCLUDES BUT IS NOT LIMITED TO IMMEDIATELY CONTACTING THE COUNTY CORONER'S OFFICE UPON ANY DISCOVERY OF HUMAN REMAINS.

9b. CONSULTATION IN THE EVENT OF INADVERTENT DISCOVERY OF CULTURAL MATERIAL: THE PRESENT EVALUATION AND RECOMMENDATIONS ARE BASED ON THE FINDINGS OF A DESKTOP INVESTIGATION, ONLY. THERE IS ALWAYS THE POSSIBILITY THAT IMPORTANT UNIDENTIFIED CULTURAL MATERIALS COULD BE ENCOUNTERED ON OR BELOW THE SURFACE DURING THE COURSE OF FUTURE GROUND DISTURBING ACTIVITIES. THIS POSSIBILITY IS PARTICULARLY RELEVANT CONSIDERING THE LACK OF INTENSIVE-LEVEL ARCHAEOLOGICAL PEDESTRIAN SURVEY HAVING BEEN CONDUCTED PRIOR TO RESIDENTIAL AND RELATED DEVELOPMENTS IN THE APE, AND PARTICULARLY WHERE PAST GROUND DISTURBANCE ACTIVITIES (E.G., PAST AGRICULTURAL DEVELOPMENT, PLACEMENT OF BURIED AND OVERHEAD, UTILITIES, EXTENSIVE GRADING, ETC.) HAVE PARTIALLY OBSCURED HISTORIC GROUND SURFACE VISIBILITY, AS IN THE PRESENT CASE. IN THE EVENT OF AN INADVERTENT DISCOVERY OF PREVIOUSLY UNIDENTIFIED CULTURAL MATERIAL, ARCHAEOLOGICAL CONSULTATION SHOULD BE SOUGHT IMMEDIATELY.

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City of Grass Valley
City Council
Agenda Action Sheet

Title: Administrative EMS Coordinator

CEQA: Not a project

Recommendation: That Council 1) approves the job description for Administrative EMS Coordinator, and 2) approves the associated salary schedule and Certificate and Educational Incentive pays for the Administrative EMS Coordinator position.

Prepared by: Mark Buttron, Fire Chief

Council Meeting Date: 09/10/2024 **Date Prepared:** 09/5/2024

Agenda: Consent

Background Information: In August 2023, the Fire Department launched an Advanced Life Support (ALS) program aimed at enhancing community service by placing paramedics on fire engines. This initiative is designed to improve emergency response capabilities and provide more immediate and specialized medical care during emergencies.

As part of this program, the Fire Department is preparing to fill a critical role due to the upcoming retirement of the current EMS Supervisor. The department has identified the need for a new EMS Supervisor or Coordinator, who will be responsible for overseeing program requirements, reporting, skills evaluations, and other essential functions. This role also serves as an additional resource within the ALS system.

To ensure a smooth transition and continued service to the community, the department plans to run parallel recruitments for both a public safety EMS Supervisor and a non-public safety EMS Coordinator. This dual recruitment strategy is intended to ensure that a qualified candidate is in place before the current supervisor's retirement in November.

This proposed new position would be placed in Unit 1- Management/Supervisory Professional & Confidential Employees group. The salary range and certificate/educational incentive pays for the Administrative EMS Coordinator position are attached for City Council's consideration. Also, attached is the Job Description for City Council's information.

Council Goals/Objectives: Strategic Goal #1 Exceptional Public Safety

Fiscal Impact: None

Funds Available: Yes **Account #:** 200-203

Reviewed by: Tim Kiser, City Manager

Attachments: 1) Job Description
2) Salary Range and Certificate / Educational Incentive Pays

City of Grass Valley
JOB DESCRIPTION

ADMINISTRATIVE EMS COORDINATOR

Department: Fire Department **FSLA Status: Non-exempt**

Reports To: Battalion Chief, Fire Chief **Unit: Unit 1 Full-Time position**

Adopted: TBD **Revised: Sept. 2024**

SUMMARY OF JOB PURPOSE

The Administrative EMS Coordinator, under direction, coordinates and maintains an effective emergency medical services (EMS) program for the City's Fire Department, including pre-hospital care that delivers excellence in patient care; monitors EMS and operational field performance; works closely with department personnel to provide in-house medical control, training and quality improvement programs through positive professional interaction; participates in and directs assigned personnel in emergency medical responses, develops and administers EMS training activities, including working with employees to correct deficiencies and implementing disciplinary procedures. The normal work schedule will be a 40-hour schedule.

Applicants must pass a medical examination to verify the ability to physically perform all required duties.

SUPERVISION RECEIVED AND EXERCISED

Immediate supervision is provided by the Battalion Chief, Assistant Chief, or Fire Chief and under the provisions of a Joint Operations Agreement may be supervised by supervisors from other signatory agencies the EMS Coordinator directly supervises subordinates and under the provisions of a Joint Operations Agreement may supervise personnel of other signatory agencies.

ESSENTIAL FUNCTIONS (includes but is not limited to listed tasks)

The Administrative EMS Coordinator receives direction from higher level supervisory and management staff in the supervision of emergency medical services and other emergencies.

Following are essential functions performed by the Administrative EMS Coordinator:

1. Assist the EMS Medical Director in the development, implementation, operation, administration and evaluation of the EMS programs, policies, procedures, and activities
2. Maintain the City of Grass Valley Fire Department CE Program

City of Grass Valley
JOB DESCRIPTION

ADMINISTRATIVE EMS COORDINATOR

3. EMS training program: Plan and distribute the Quarterly EMS trainings including the BLS optional skills, ALS, and LALS Infrequent skills, and oversee the City of Grass Valley Fire Department CPR certification Program
4. Initiates and maintains a Quality Assurance/Quality Improvement program and monitors the outcomes to facilitate operational changes and focus future training priorities
5. Coordinate educational training with Sierra Nevada Hospital for Fire personnel
6. Perform CQI of all Optional BLS, LALS, and ALS skills
7. Provide remedial education/training for personnel as needed
8. Assist with investigating personnel issues regarding S-SV policy and procedures violations
9. Provides direction and oversight of the medical controlled substance inventory; ensures the controlled substance program complies with federal regulatory requirements
10. Works with vendors for EMS equipment and supplies as needed; develops plans for major EMS equipment purchases; and manages inventory and/or accountability of EMS equipment and supplies
11. Provides clinical and operational support and oversight as it relates to medical response and treatment
12. Responds to large scale and high-profile fire and EMS incidents and serves as Medical Group Supervisor
13. Attend/facilitate required monthly CQI review with the Medical Director
14. Attend the quarterly Regional Emergency Medical Advisory Committee meetings at S-SV
15. Attend the quarterly Nevada County Emergency Medical Care Committee Meetings
16. Complete required annual EMSQIP update to S-SV
17. Complete the Annual BLS Optional Skills report for S-SV
18. Distribute semi-annual S-SV policy and protocol updates to all personnel
19. Coordinate the required participation in the S-SV EMS data collection program
20. Coordinate Skills testing for the Paramedic, AEMT, and EMT recertification of personnel
21. Other duties as assigned by the Fire Chief

QUALIFICATIONS

To perform this job successfully, a person must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill and/or ability required.

Knowledge of:

1. Incident Command System

City of Grass Valley
JOB DESCRIPTION

ADMINISTRATIVE EMS COORDINATOR

2. Rules, regulations and operational procedures of the City of Grass Valley and the Grass Valley Fire Department

3. Knowledge of Sierra-Sacramento Valley EMS Agency (S-SV) and California Emergency Medical Services Authority (CAEMSA) Policies and Procedures

5. Principles and practices of Emergency Medical Care and management

6. Advanced life support, first aid, rescue, and related equipment and practices

7. Modern office practices, methods, and procedures

Skills In:

1. Modern all risk emergency incident operations

2. Management practices

3. Inner personal relationship building

4. Team building

5. Cooperating with multiple agencies including State and Federal Fire Agencies, Law Enforcement and Emergency Medical Services Agencies

Ability to:

1. Supervise personnel and equipment under emergency conditions

2. Assess emergency incidents, set priorities, implement an action plan, and request needed resources following the best practices of the fire service while under potentially adverse and stressful conditions

3. Supervise/lead personnel in Emergency Medical Services

4. Develop and implement training programs and evaluate skills

5. Read maps, pre fire plans, and other related fire service documents

City of Grass Valley
JOB DESCRIPTION

ADMINISTRATIVE EMS COORDINATOR

EDUCATION AND EXPERIENCE

1. Minimum 18 years of age

2. Completion of the 12th grade with Diploma or General Education Degree

CERTIFICATES, LICENSES, REGISTRATIONS

1. Emergency Medical Technician Paramedic (EMT-P) License in California (or ability to obtain prior to appointment). EMT-P certification is a condition of employment. Obtain S-SV accreditation at time of appointment.

2. Current CPR, ACLS, and PALS, PEPP, APLS, or Handtevy certification. CPR, ACLS, and PALS, PEPP, APLS, or Handtevy certifications are a condition of employment.

3. Valid Class C Driver's License

4. ICS 100 and ICS 200 within six (6) months of employment. ICS-300 within one (1) year of employment. NIMS IS-700.b and IS-800.d with in six (6) months of employment.

LANGUAGE SKILLS

Ability to read, write and communicate in English at a level required for successful job performance

MATHEMATICAL SKILLS

Ability to use and understand basic mathematical concepts such as: adding, Subtracting, multiplying, dividing, simple fractions and percentages.

REASONING ABILITY

Ability to apply common sense understanding to carry out instructions furnished in written, orally or in diagram form; analyze and resolve problems involving circumstances and or events using standardized methods or procedures

City of Grass Valley
JOB DESCRIPTION

ADMINISTRATIVE EMS COORDINATOR

PHYSICAL DEMANDS

Person must pass a medical examination to verify the ability to physically perform all required duties

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

The employee must be free from any physical, emotional or mental condition which might adversely affect the ability to perform essential job duties

Must be able to perform manual tasks and have the ability to lift 100 pounds, also perform those physical activities required for the execution of essential functions, including but not limited to, regular sitting, walking, standing, performing repetitive motions with hands and wrists such as regular keyboarding

The employee must be able to work in confined spaces for extended periods of time in all climate and weather conditions. Also, have the ability to perform normal communications, including in person, two-way radio or on the telephone

WORKING ENVIROMENT

May require exposure to physical hazards such as fumes, chemical and bodily fluids.

May require working in adverse environmental conditions such as inclement weather, extreme temperature, dust, noise, dim lighting, confined spaces, and other conditions that may arise while performing essential functions.

May require the ability to wear an air purifying respirator.

BACKGROUND

Candidates offered employment may be required to successfully pass a background investigation that may include psychological examination, polygraph examination and in depth background investigation.

City of Grass Valley
JOB DESCRIPTION

ADMINISTRATIVE EMS COORDINATOR

GENERAL

The City reserves the right to revise or change classification duties and responsibilities as the need arises. This description does not constitute a written or implied contract of employment.

I have read and understand the contents of this job description, and I have received a copy of this job description for my records.

Print Name: _____

Signature: _____ Date: _____

This job description indicates in general the nature and levels of work, skills, abilities and other essential functions (as covered under the Americans with Disabilities Act) expected of the incumbent. It is not designed to cover or contain a comprehensive listing of activities, duties, or responsibilities required of the incumbent. Incumbent may be asked to perform other duties as required. The City of Grass Valley is an EQUAL OPPORTUNITY EMPLOYER

Administrative EMS Coordinator Position

Salary Range and Certificate / Educational Incentive pays

Position		Hourly				Annually	
	Min	Mid	Max		Min	Mid	Max
Administrative EMS Coordinator	$39.56	$41.57	$43.64		$82,289.58	$90,773.49	$100,050.08

Administrative EMS Coordinator Certificate and Educational Incentive

1. The City shall offer an Academic Education Incentive program with a maximum cumulative (certificates and degrees) ceiling of 11% of base salary. Only certificates and degrees granted by accredited institutions and are job related, which are above the minimum educational requirement of the employee's position and enhance the employee's abilities and contributions will be considered. If an application for this incentive is denied it may be grieved.
2. The eligible degrees and certificates and corresponding incentives are as follows:

   Administrative EMS Coordinator shall be granted 1.25% of base pay for each listed certificate with a maximum of 8.5%.

Approved certificates:

AHA ACLS Instructor
AHA PALS Instructor, or PEPP Instructor, or APLS Instructor, or Handtevy Instructor
AHA CPR Instructor
Designated Infection Control Officer (D.I.C.O.) Certificate
Basic wildland firefighting certificate (USFS or CalFire)
Medical Unit Leader
Fire Instructor Series

Administrative EMS Coordinator shall be granted 2.5% of base pay for each listed degree with a cumulative maximum of 5%

Approved Degrees:	% of Base salary
Associate of Arts or Associate of Science	2.5%
Bachelor of Arts or Bachelor of Science	2.5%
Master of Arts or Master of Science	2.5%

Paramedic Incentive

Administrative EMS Coordinator with a current California paramedic license shall be eligible to receive a paramedic stipend of $600 a month.

City of Grass Valley
City Council
Agenda Action Sheet

Title: Appeal of the Planning Commission's denial of Use Permit applications for an exception to the multifamily covered parking requirement established in Section 17.36.040, Table 3-3 of the City of Grass Valley Municipal Code.

Recommendation: Based upon the evidence in the public record, and the Planning Commission's 3:1 denial, staff recommends that the City Council take one of the following actions:

1) Uphold the Planning Commission's denial of Use Permit applications 24PLN-0008, -0009, and -0010
    a. Deny the appeal and uphold the Planning Commission's denial of the Use Permit applications for a reduction in covered parking requirements;
    b. Determine the proposed projects at 210 Sutton Way (24PLN-0008), 265 Sutton Way (24PLN-0009), and 228 Sutton Way (24PLN-0010) exempt pursuant to Section 15061(b)(3) of the California Environmental Quality Act (CEQA) and Guidelines, as detailed in the attached June 18, 2024 Planning Commission Staff Report;
    c. Uphold the Planning Commission's finding for denial of the Use Permits, that "insufficient quantitative evidence was provided to document a need for a reduction of the covered parking standard;" and,
    d. Deny the Use Permits as presented in this Staff Report.
2) Overturn the Planning Commission's denial of Use Permit applications 24PLN-0008, -0009, and -0010
    a. Uphold the appeal and overturn the Planning Commission's denial of the Use Permit applications for a reduction in covered parking requirements;
    b. Determine the proposed projects at 210 Sutton Way (24PLN-0008), 265 Sutton Way (24PLN-0009), and 228 Sutton Way (24PLN-0010) exempt pursuant to Sections 15061(b)(3) and 15301 of the California Environmental Quality Act (CEQA) and Guidelines, as detailed in the attached June 18, 2024 Planning Commission Staff Report
    c. Adopt Findings of Fact as detailed in the June 18, 2024 Planning Commission Staff Report for approval of the Use Permits as presented in the Staff Report; and,
    d. Approve the Use Permits as presented in this Staff Report.
3) Refer Use Permit applications 24PLN-0008, -0009, and -0010 to the Planning Commission for further consideration based on new or different evidence presented.

Prepared by: Lucy Rollins, Senior Planner

Council Meeting Date: September 10, 2024 **Date Prepared:** September 3, 2024

Background Information: At the August 13, 2024 meeting, the City Council held a public hearing to consider the appeal of the Planning Commission's decision to deny Use Permit applications 24PLN-0008, 24PLN-0009, and 24PLN-0010 for a reduction in multifamily covered parking standards at 210 Sutton Way (Cedar Park Apartments), 228 Sutton Way (Oak Ridge Apartments), and 265 Sutton Way (Glenbrook Apartments). The Council continued the hearing to their regular meeting on September 24, 2024, requesting that the applicant/appellant provide additional information.

At the request of the appellant, received on August 22, 2024, the hearing was rescheduled for the regular City Council meeting on September 10, 2024 due to scheduling conflicts. In response to the change in hearing date, staff provided notice of the hearing as required by Section 17.92.020 of the Grass Valley Municipal Code.

New Information:
The appellant provided the following documents in response to the requests made by City Council. The full 316-page packet submitted by the appellant is available on the City's website at the following link: https://www.cityofgrassvalley.com/sites/main/files/file-attachments/council-rollins_enclosure_letter_4888-0510-4862_v.5.pdf?1725465998

A condensed packet, including only new materials / exhibits that directly address City Council requests are included in **Attachment 1** of this staff report.

Council Request	Document Provided	Exhibit(s)
Recoverable Depreciation/Write-offs	August 2024 email exchange with Iron Creek Tax & Consulting	Exhibit A
Lease Agreements (parking agreement)	Oak Ridge Apartments Lease Cedar Park Apartments Lease Glenbrook Apartments Lease Parking/Carport Agreement	Exhibit B Exhibit C Exhibit D Exhibit AA
Snow Management Plan	Current and future snow management practices	Exhibit E
Average Median Income	2024 Income Limits and Maximum Rents	Exhibit F
Typical Rents	Cedar Park Marketing Flyer Glenbrook Marketing Flyer Oak Ridge Marketing Flyer Cedar Park Tax Credit Worksheet Glenbrook Tax Credit Worksheet Oak Ridge Tax Credit Worksheet	Exhibit G Exhibit H Exhibit I Exhibit J Exhibit K Exhibit L

Loan Insurance Requirements	Cedar Park CalHFA Regulatory Agreement / Insurance Requirements Glenbrook CalHFA Regulatory Agreement / Insurance Requirements Oak Ridge Multifamily Loan and Security Agreement Email exchange with CalHFA	Exhibit M Exhibit N Exhibit O Exhibit P
New Construction Proposal	Construction Proposal from RCD Contracting, Inc Construction Proposal from Jackson Construction, Inc.	Exhibit Q Exhibit R
Number of Carports Damaged/Destroyed	Degenkolb Glenbrook Carport Condition Assessment Farmers Insurance Oak Ridge Property Inspection Report Farmers Insurance Cedar Park Property Inspection Report	Exhibit S Exhibit T Exhibit U
Lender Inspection Reports	Glenbrook CalHFA Inspection Report Cedar Park CalHFA Inspection Report Oak Ridge CTCAC Inspection Report	Exhibit V Exhibit W Exhibit X
Additional Information	Photos of collapsed carports [included in previous submittals]	Exhibit Y Exhibit Z
Annual income statements	To be provided directly to Andy Heath, Finance Director for a report to City Council	Report to be made at September 10, 2024 meeting

Staff Response:

Since the August 13, 2024 meeting, staff has received 3 public comments, one via email and two via voicemail. One voicemail and the email were submitted by the same individual. The comments are from tenants of the apartment complexes, expressing concerns surrounding the loss of carports and comments regarding operation of the complexes in general. The full text of the comments are included in **Attachment 2**.

Pursuant to Section 17.91.030.1 of the Grass Valley Municipal Code, the City Council may take any of the following actions in response to an appeal of a decision made by the Planning Commission:

- Affirm, affirm in part, or reverse the action, decision, or determination that is the subject of the appeal, based upon findings of fact about the particular case. The findings shall identify the reasons for the action on the appeal, and verify the compliance or non-compliance of the subject of the appeal with this development code;
- Approve the planning permit denied by the previous review authority;
- Adopt conditions of approval that may address issues or concerns other than the subject of the appeal; and/or

- Refer the appeal to Planning Commission for further consideration if new or different evidence is presented on appeal to determine if the new or different evidence would alter the action of the original review authority.

The full staff reports and attachments for previous hearings on this item can be found at the links below:

- May 21, 2024 Planning Commission, Agenda Item #3: https://mccmeetings.blob.core.usgovcloudapi.net/grassvalca-pubu/MEET-Packet-edd3ab84a30b438f87cf906332640ec9.pdf
- June 18, 2024 Planning Commission, Agenda Item # 2: https://mccmeetings.blob.core.usgovcloudapi.net/grassvalca-pubu/MEET-Packet-94697a538c7941a9860f0fd6236c652a.pdf
- August 13, 2024 City Council, Agenda Item #6: https://mccmeetings.blob.core.usgovcloudapi.net/grassvalca-pubu/MEET-Packet-e6bc0d37c6704c3488e0b1996a74a74c.pdf

Council Goals/Objectives: A City Council decision on an appeal of a Planning Commission decision supports the 2022 Strategic Plan Update, Goal #5: The City of Grass Valley strives to exemplify an innovative, efficient, effective, open and collaborative city government.

Fiscal Impact: none

Funds Available: not applicable

Reviewed by: Amy Wolfson, City Planner

Attachments:

1) Additional Documentation from Appellant
2) Public Comments Received Prior to September 5, 2024

Attachment List

Appeal of Use Permits 24PLN-08, -09, -10

1. Requested Documents from Appellant
2. Public Comments Received Prior to September 5, 2024

Attachment 1

Requested Documentation from Appellant - Table of Contents

Council Request	Document Provided	Exhibit(s)	PDF Page
Overview	Narrative Response from Appellant	N/A	2
Recoverable Depreciation/Write-offs	August 2024 email exchange with Iron Creek Tax & Consulting	Exhibit A	9
Lease Agreements (parking agreement)	Oak Ridge Apartments Lease Cedar Park Apartments Lease Glenbrook Apartments Lease Parking/Carport Agreement	Exhibit B Exhibit C Exhibit D Exhibit AA	11 17 25 33
Snow Management Plan	Current and future snow management practices	Exhibit E	36
Average Median Income	2024 Income Limits and Maximum Rents	Exhibit F	39
Typical Rents	Cedar Park Marketing Flyer Glenbrook Marketing Flyer Oak Ridge Marketing Flyer Cedar Park Tax Credit Worksheet Glenbrook Tax Credit Worksheet Oak Ridge Tax Credit Worksheet	Exhibit G Exhibit H Exhibit I Exhibit J Exhibit K Exhibit L	45 47 49 51 53 55
Loan Insurance Requirements	Cedar Park CalHFA Insurance Requirements Glenbrook CalHFA Insurance Requirements Oak Ridge Multifamily Loan Insurance Requirements Email exchange with CalHFA	Exhibit M Exhibit N Exhibit O Exhibit P	57 60 64 75
New Construction Proposal	Construction Proposal from RCD Contracting, Inc Construction Proposal from Jackson Construction, Inc.	Exhibit Q Exhibit R	80 82
Number of Carports Damaged/Destroyed	Degenkolb Glenbrook Carport Condition Assessment Farmers Insurance Oak Ridge Property Inspection Report Farmers Insurance Cedar Park Property Inspection Report	Exhibit S Exhibit T Exhibit U	85 87 90
Lender Inspection Reports	Glenbrook CalHFA Inspection Report Cedar Park CalHFA Inspection Report Oak Ridge CTCAC Inspection Report	Exhibit V Exhibit W Exhibit X	93 96 99
Annual income statements	To be provided directly to Andy Heath, Finance Director for a report to City Council	Report to be made at September 10, 2024 meeting	

WANGER JONES HELSLEY PC
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August 30, 2024

VIA EMAIL & UNITED STATES MAIL

Grass Valley City Council
c/o Taylor Day, City Clerk
CITY OF GRASS VALLEY
125 E. Main Street
Grass Valley, CA 95945

Lucy Rollins
Senior Planner
CITY OF GRASS VALLEY
125 E. Main Street
Grass Valley, CA 95945

Re: September 10, 2024, Hearing on Cascade Housing Association's Appeal of Applications 24PLN-0008, -0009, and -0010

Dear Honorable Councilmembers and Ms. Rollins:

During its August 13, 2024, hearing on Cascade Housing Association's ("Cascade") Appeal of Applications 24PLN-0008, -0009, and -0010 (the "Appeal"), the City Council requested additional information from Cascade. I have enclosed a narrative attachment and supporting documentation from Cascade in response to the Council's requests.

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Should you have any questions regarding the enclosed information or any further questions regarding the facilities at issue in the Appeal, I would be happy to discuss the issue further with the appropriate representatives of the City.

Respectfully submitted,

John P. Kinsey

Enclosures

cc: Michael Colantuono,

Attachment
[Information Requested by City Council]

This document includes Cascade Housing Association's ("Cascade") responses to the requests for information made verbally by the Grass Valley City Council ("City" or "Council") at the August 13, 2024, hearing on Cascade's appeal.

Recoverable Depreciation:

Council Request: At the August 13, 2024 hearing, the Council inquired whether Cascade experienced any losses and, if expenses could be written off. The Council similarly asked about whether Cascade could take advantage of any recoverable depreciation associated with the destruction of the original carports.

Response: One of the benefits associated with Cascade being a non-profit entity is that any positive cashflow it carries over from year to year is not taxable as profit. That said, as a 501(c)(3) non-profit entity with no tax burden, Cascade does not receive an offset to any taxable income (or any other benefit) due to a loss. As a result, Cascade does not receive any tax benefit, whether in the form or write-offs or recoverable depreciation, as a result of any business expenses or losses. (See **Exhibit A**.)

Moreover, even if Cascade were a for profit entity, according to Cascade's accountant, carports are generally depreciated over a 15-year period, and the carports were over 15-years old at the time of the snow event. (See **Exhibit A**.)

Lease Agreements:

The Council requested that Cascade confirm whether its lease agreements include any terms contemplating that covered parking be made available.

Response: There are no terms within any of the lease agreements that contemplate covered parking would be made available to any resident. Cascade is enclosing copies of its form contracts as **Exhibit B** [Oak Ridge Rental Agreement], **Exhibit C** [Cedar Park Rental Agreement], and **Exhibit D** [Glenbrook Rental Agreement].

Cambridge Real Estate Services Management of Ingress/Egress During Strong Winter Events:

The City Council inquired about how Cascade's property managers address severe snow and ice events.

Response: Cambridge Real Estate Services (the "Property Manager") for Cascade executes several procedures to assist with emergency response and the monitoring of vulnerable areas during severe winter events.

Attachment
[Information Requested by City Council]

These practices include:

When temperatures fall below zero, the following and other practices are implemented by management staff:

- Physical inspections of all vacant units, laundry facilities, and common areas during all freeze events.
- Management staff runs water to avoid pipeline freezes, and proactively inspects for frozen pipes and drain lines to avoid disruptions in utilities. Significant attention is paid to lower-level units for signs of frozen drain lines in buildings with stacked units. Areas with exposed piping are inspected multiple times throughout the day.
- Management staff turns on the heat in all vacant units, laundry facilities, and common areas. Management staff also uses portable plug-in accordion heaters to augment common HVAC heat to ensure temperatures are safe and comfortable.
- Management staff inspects fire suppression sprinkler systems, including the inspection of all riser rooms, stairwells with equipment, and control valve rooms.

All winter storm events, including freezing events, management performs the following additional activities:

- Sending email blasts to residents with detailed instructions depending on the nature of the event.
- Surveying property for priority issues, including blocked entrances/exits, fallen tree limbs or trees.

When temperatures return to above freezing, management staff performs the additional activities:

- Further physical inspections of all vacant units, laundry facilities, and common areas.
- Further temperature control as needed.
- Perform inspections to run water, and check for frozen pipes and drain lines.
- Buildings with stacked units are inspected top-down and bottom-up, especially for water-related issues and physical damage.
- Perform physical inspections of fire suppression systems, including the inspection of all riser rooms, stairwells with equipment, and control valve rooms with sprinkler heads exposed.
- Check drains (roof, common area, parking lot, and related areas), and remove debris to avoid flooding.

During snow events, property management facilitates the removal of snow accumulating on pathways, sidewalks, and common areas when it is safe and feasible to do so. If carports are present, rock salt/ice melt is applied to the top of the structures to enhance the melting process. Once snow has accumulated to approximately 4 inches, a snow removal vendor is contacted to clear the entrances/exits, parking lots and driveways.

Attachment
[Information Requested by City Council]

This year, property management will commence sending flyers to residents in its Grass Valley apartments similar to that sent annually to its higher-elevation properties, such as Truckee, California. (See **Exhibit E**.)

Request for AMI/Income Levels By County:

The City Council requested to see the AMI/income levels for each county and rent detail for each property.

Response: **Exhibit F** is a memorandum from the California Tax Credit Allocation Committee (CTCAC) entitled "2024 Income Limits and Maximum Rents." This memorandum includes information regarding Nevada County income and rent levels highlighted for all three properties.

Exhibits G, H, and I are Marketing Flyers for each property reflecting the maximum rent allowed per unit, minus the utility allowances of the County.

The affordability restrictions are also outlined in the Tax Credit Worksheets included as **Exhibits J, K, and L**.

Requirements for Full Replacement Coverage: The Council also asked if there was any condition or other requirement in Cascade's loan document mandating that Cascade maintain full replacement coverage for the carports.

Response: Information regarding insurance requirements from the State of California are enclosed as **Exhibit M & Exhibit N** [Relating to Cedar Park and Glenbrook; Exhibit B of each Regulatory Agreement] and **Exhibit O** [Oak Ridge Multifamily Loan and Security Agreement, located in Article 9].

It is unclear per the insurance requirements set by the lenders as to the extent of coverage that was needed specifically for the carports. After consulting with the California Housing Financing Agency ("CalHFA") it was clear that the approval to not replace the carport structures was the lender's stance, as you will see in email correspondence as **Exhibit P**.

Construction Proposals:

The Council noted that the proposal for the replacement of the carports was provided from a company whose principal was subsequent hired by Cascade, and thus requested additional construction proposals for the replacement of the carports.

Response: Cascade has obtained two new construction proposals for the replacement of the carports, which are enclosed as **Exhibit Q** and **Exhibit R**.

Attachment
[Information Requested by City Council]

Number of Carports Full/Partially Damaged: The Council requested greater detail regarding the number of spaces that were affected by structural integrity issues, including those carports that were damaged fully or partially.

Response: Prior to the storm event, the properties including the following number of covered carports:

- Cedar Park: 20 structures covering 81 spaces [out of 193 spaces total]
- Glenbrook: 12 structures covering 56 spaces [out of 110 spaces total]
- Oak Ridge: 16 structures covering 67 spaces [out of 144 spaces total]

During the January 2023 extreme weather event, all of the parking structures experienced some form of structural damage, including catastrophic failure. It is clear the decision to remove all carport structures was supported by both the Carport Condition Assessment attached as **Exhibit S** [Glenbrook] and the letters from Farmers Insurance claims adjuster of the field inspections, attached as **Exhibit T** [Oak Ridge] and **Exhibit U** [Cedar Park].

Multi-Year Annual Income Statement:

The Council requested that Cascade provide more detailed information to show the carports would be unduly burdensome from a financial perspective.

Response: Cascade has compiled additional financial information for the City's review. This information will be provided following the execution of an agreement with the City to maintain the confidentiality of those records.

Inspection Reports:

The Council also requested TCAC and other lender inspection reports for the three properties prior to the January 2023 snowstorm.

Response: the inspection reports for the three properties are attached as **Exhibit V** [Glenbrook], **Exhibit W** [Cedar Park], and **Exhibit X** [Oak Ridge].

In addition, prior to the January 2023 snowstorm, the carports were inspected at least weekly by property management and maintenance staff.

Attachment
[Information Requested by City Council]

Other Information:

In addition to the information submitted in response to questions from the City Council, Cascade believes the following additional information would be helpful for the City Council to better understand Cascade's activities immediately following the catastrophic carport failures.

We understand Cascade has received criticism for not contacting the City to receive demolition permits for the carports. This was unintentional. Cascade believed it was acting in a manner that was reasonably prudent by removing the carports to avoid personal injury and further damage to private property. In addition, as you will see from **Exhibit P**, Cascade contacted the California Housing Financing Agency to confirm the carport removal was allowed under Section 12(d) of Cascade's Regulatory Agreement. This effort to contact a state agency shows Cascade's good faith in seeking to immediately resolve a threatened safety concern in a manner consistent with applicable rules and regulations.

The pictures in the documents attached as **Exhibits Y and Z**, in turn, include pictures of the collapsed carports, which demonstrate the need for urgency to avoid harm to Cascade's residents.

EXHIBIT “A”

Subject: FW: Grass Valley Carport Depreciation

From: Steve Bjorklund <Steve@BandMcpa.com>
Sent: Thursday, August 22, 2024 8:59 AM
To: Kristi Isham <kristi.isham@cascadehousing.org>; Ron Montplaisir <rmontplaisir@ironcreektax.com>
Cc: Denni Ragsdale <denni.ragsdale@cascadehousing.org>
Subject: RE: Grass Valley Carport Depreciation

Kristi,

Carports are generally depreciated over a 15 year period for tax purposes.

Cascade Housing Association ("CHA") is a tax-exempt entity under Internal Revenue Code Section 501©(3). Since CHA is a tax-exempt entity it receives no direct federal tax benefit from claiming depreciation expense.

Steve

Steven R. Bjorklund
Iron Creek Tax & Consulting - Portland, OR
Tel (503) 643-6400 ext. 2001
Fax (503) 641-4345

To send files to me via my secure upload service (ShareFile by Citrix), Click Here or type the url into your web browser:
https://cpa.sharefile.com/r-rfe0718af5cc64a3fbba79c2a4d4ff25b

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From: Kristi Isham <kristi.isham@cascadehousing.org>
Sent: Tuesday, August 20, 2024 11:22 AM
To: Ron Montplaisir <Ron@BandMcpa.com>; Steve Bjorklund <Steve@BandMcpa.com>
Cc: Denni Ragsdale <denni.ragsdale@cascadehousing.org>
Subject: Grass Valley Carport Depreciation

Hello Gentleman,

Currently working with City Council in Grass Valley about carports that failed during the snow storm 2023. One question that I need your help with is
From the insurance pay out, is the depreciation amount a write off for Cascade Housing.

Thank you,

Kristi

Sent from my Verizon, Samsung Galaxy smartphone
Get Outlook for Android

EXHIBIT “B”

METRO MULTIFAMILY HOUSING ASSOCIATION
Promoting Quality Rental Housing

CALIFORNIA RENTAL AGREEMENT

CAMBRIDGE real estate services — EQUAL HOUSING OPPORTUNITY

Item # 10.

☐ MOVE-IN ☐ LEASE RENEWAL ☐ TRANSFER OLD UNIT #_____ ☐ FILE CHANGES

PARTIES

DATE	PROPERTY NAME / NUMBER Oak Ridge Apartments			
RESIDENTS (NAME ALL ADULTS):				
PREMISES ADDRESS	UNIT #	CITY	STATE	ZIP
OWNER/AGENT			PHONE	
ADDRESS		CITY	STATE	ZIP

TENANCY

☐ LEASE TERM BEGINNING: AND ENDING:

☐ CHECK IF EARLY TERMINATION PROVISION APPLIES. AMOUNT: $ (1½ TIMES MONTHLY STATED RENT IF BLANK)

☐ MONTH TO MONTH BEGINNING: RENT DUE DATE (IF OTHER THAN FIRST):

FINANCIAL TERMS

MONTHLY STATED RENT	$
OTHER	$
OTHER	$
OTHER	$
OTHER	$
TOTAL MONTHLY CHARGES	$
LATE CHARGE: (CHOOSE ONE)	☐ FLAT FEE OF $
	☐ PER DAY @ $
	☐ 5% OF STATED RENT EVERY 5 DAYS
RETURN CHECK CHARGE:	$
PRO-RATE METHOD: ☐ A ☐ B ☐ C (See #1 on page 2)	

ACCOUNTING

RENT DUE AT MOVE IN (FROM THRU)	DUE	$
SECOND RENT PAYMENT (FROM THRU)	DUE	$
SECURITY DEPOSIT (REFUNDABLE)		$
ADDITIONAL SECURITY DEPOSIT (PETS, ETC.)		$
PET FEE		$
NON-REFUNDABLE FEES (DESCRIBE OWNER / AGENT EXPENSE)		$
OTHER MONTHLY CHARGES		$
☐ IF CHECKED, DEPOSITS WILL BE HELD BY OWNER.		

OTHER OCCUPANTS

NAME	DATE OF BIRTH

VEHICLES

MAKE/MODEL	STATE	LICENSE PLATE #

MOVE IN ACCOUNTING

RENT	+$ _____
DEPOSITS	+$ _____
FEES	+$ _____
OTHER	+$ _____
PRIOR PAYMENT	- $ _____
EXECUTION DEPOSIT	- $ _____
_____	$ _____
_____	$ _____
TOTAL DUE AT MOVE IN	+$ _____

SMOKE ALARMS: California law requires smoke detectors to be installed in all dwelling units intended for human occupancy. Resident acknowledges and the owner/landlord certifies that the unit is equipped with an operable smoke detector as required by **California Health and Safety Code Sections 13113.7 and 13113.8** and that the smoke alarm is approved and listed by the State Fire Marshal and installed in accordance with the State Fire Marshal's regulations. The owner/landlord is responsible for testing and maintaining smoke detectors in the lodging houses and common stairwells of apartment complexes and other multiple dwelling complexes. Resident acknowledges that an owner/landlord or any other authorized agent of the owner may enter any dwelling unit owned by the owner for the purposes of installing, repairing, testing, and maintaining single station smoke detectors as required by California law. Except in cases of emergency, the owner/landlord or any other authorized agent of the owner shall give the Resident reasonable notice in writing of the intention to enter and shall enter only during normal business hours. Twenty-four hours shall be presumed to be reasonable notice in the absence of evidence to the contrary. It is the Resident's responsibility to notify the owner/landlord if the Resident becomes aware of an inoperable smoke detector within his or her dwelling unit. The smoke detectors must be centrally located outside each sleeping area. The owner/landlord or any other authorized agent of the owner shall correct any reported deficiencies in the smoke detector and shall not be in violation of Section 13113.7 when he or she has not received notice of the deficiency.

TYPE OF SMOKE ALARM: ☐ 10-YEAR BATTERY ☐ ELECTRIC ☐ ELECTRIC WITH BATTERY BACK UP

INITIAL HERE _____ _____

UTILITIES

PAID FOR / PROVIDED BY	ELECTRICITY	WATER	SEWER	GARBAGE SERVICE	GARBAGE CONTAINER	BASIC CABLE	GAS	OTHER _____
OWNER	☐	☐	☐	☐	☐	☐	☐	☐
RESIDENT	☐	☐	☐	☐	☐	☐	☐	☐

THE FOLLOWING UTILITIES OR SERVICES PAID FOR BY TENANT WILL BENEFIT OTHER TENANTS OR MANAGEMENT. _____ SERVICE CHARGE FOR CABLE / INTERNET / ETC. ($ or %) _____

ANY YARD INCLUDED IN THE LEASED PREMISES WILL BE MAINTAINED BY: ☐ RESIDENT ☐ OWNER / AGENT

PETS (NUMBER & TYPE - APPROVED BY MANAGEMENT)

APPROVED FOR USE:
☐ WATERBED ☐ AQUARIUM
☐ MUSICAL INSTRUMENTS

☐ **IF CHECKED, RENTER'S INSURANCE IS REQUIRED**

IF THE TENANCY IS FOR A SET TERM, RESIDENT MUST GIVE OWNER/AGENT WRITTEN NOTICE OF INTENT TO VACATE AT LEAST 30 DAYS PRIOR TO THE END OF THE TERM OR THE TENANCY WILL, AT THE OPTION OF THE OWNER, CONVERT TO A MONTH TO MONTH TENANCY AUTOMATICALLY.

SPECIAL LEASE PROVISIONS AND/OR DISCLOSURES:

I / WE HAVE READ AND AGREE TO THE TERMS AND CONDITIONS LISTED ON BOTH PAGES OF THIS CONTRACT.

RESIDENT X	DATE	RESIDENT X	DATE
IN CASE OF EMERGENCY NOTIFY:	STREET ADDRESS		PHONE
OWNER / AGENT X	DATE	IF APPLICABLE, REAL ESTATE BROKER APPROVAL	
		DATE	

☐ ON SITE ☐ RESIDENT ☐ MAIN OFFICE (IF REQUIRED)

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TERMS AND CONDITIONS

1. **RENTS**: Rents are due and payable on the first of the month and must be paid on time. If rent is not paid by the end of the _____ day of the month a late fee in the amount stated on your Rental Agreement will be imposed on the _____ day of the month and Owner (as used herein "Owner" or "Landlord" shall mean the owner and landlord of the property described on the front page of this Agreement) and its Agents (as used herein, "Agent" shall mean any authorized agent of Owner) may require the rent payment and late fee to be paid by certified check or money order. Partial payments will not be accepted without prior management approval. To protect Owner and its agents, Owner may refuse to accept cash payments of rent, rent payments from anyone other than the Resident (as used herein, "Resident" or "Tenant" shall mean a party identified as such on the front of this Agreement and a tenant of the property described on the front of this Agreement) or multiple checks for rent. If any check from Resident has been dishonored for any reason, Owner may require Resident to make all future rent payments by certified check or money order. Month to month rents may be increased with a 30 day written notice. The daily prorates of rents and other monthly charges will be based on one of the following methods chosen by the Owner/Agent, which method will be consistently applied throughout the rental term: a) a 360 day year composed of twelve months of 30 days each; b) a 365 day year; or c) the actual number of days in the current month. The daily amount will be multiplied by the actual number of days of occupancy in the current month. NOTE: Unless otherwise specified, the pro-rate shall be based on a 365 day year. Rent payments are to be made in the form of cash, check, certified check or money order, subject to the limitations set out in this section and in CA Civil Code Section 1947.3. If rent payments are made personally, they shall be made to the Owner/Agent at the address listed on the front page of this Rental Agreement. Except where formal hours are posted otherwise, usual business hours will be from _____ to _____ weekdays. Weekend business hours may be posted at the Owner/Agent's discretion; otherwise, weekends and holidays will be by appointment.
2. **NONPAYMENT OF RENT NOTICES**: Timely payment of rent by the due date is of the essence and failure to pay the contract rent on or before the specified due date will subject the Resident to immediate service of a three-day notice to pay rent or quit.
3. **APPLICATION OF PAYMENTS**: All payments made by Resident to Owner after the tenancy commences, no matter how designated by Resident, may be applied by Owner as follows: first to any outstanding amounts due landlord for damages/repairs, utilities, deposits, fees, etc.; second, to any rent outstanding from prior months; third, to the current month's rent, and last, to outstanding late charges.
4. **EARLY TERMINATION OF LEASE**: If this is a lease for a set term, failure by the Resident(s) to complete the term because of a voluntary termination by Resident(s) or termination by the Landlord for a Resident breach, will expose Resident(s) to the payment of damages. If the early termination box is checked on the front of this agreement to allow Resident(s) to terminate early without uncertainty as to the amount that will be owed as a result, it is agreed that upon any failure of Resident(s) to occupy the unit for the full term, for any reason, Resident(s) will pay to Landlord, in lieu of all other damages or amounts that could be recovered, all of the following: a) all rent, unpaid fees and other non-rent charges accrued prior to the date the unit is vacated; b) all damages relating to the condition of the unit; c) if Resident has given at least 30 days notice of the early termination, an early termination fee in the amount set forth on the front of this agreement, or if none stated, equal to 1½ month's stated rent to cover Owner's potential vacancy loss and advertising and administrative costs associated with re-renting the unit and if Resident has not given at least 30 days notice of the early termination the fee will be 150% of the previously stated amount to cover the increased rental loss associated with no advance notice; and d) interest on the above amounts at the statutory rate from the date each was due. The early termination fee is due on the earlier of the date Resident(s) give notice to vacate or the date the unit is vacated. All other amounts are due at the times specified in this agreement. If the early termination box is not checked, Resident will be liable to Landlord for all actual damages resulting from the early termination, including but not limited to: repayment of concessions; all rent through the earlier of the date the unit is re-rented and the lease termination date; advertising and administrative costs to re-rent the unit; concessions given to re-rent the unit; the difference in rent if a lower rental rate is received from a replacement resident during the remaining term of the original rental agreement; and the worth at the time of award of the amount by which the unpaid rent for the balance of the term after the time of award exceeds the amount of such rental loss for the same period that the Resident proves could be reasonably avoided.
5. **TERMINATION**: A 30 day written notice to terminate will be required for a month to month tenancy. **If the tenancy is for a set term, Resident must give Landlord written notice of intent to vacate at least 30 days prior to the end of the term or the tenancy will, at the option of Landlord, convert to a month to month tenancy automatically, with all conditions, rules and regulations continuing.** Such month to month tenancy may be terminated by Resident after service upon Owner/Agent of a written 30-day Notice of Termination. Except as prohibited by law, that month to month tenancy may be terminated by the Owner/Agent by service upon the Resident of a written 60-day notice of termination of tenancy. However, Civil Code Section 1946.1 provides that "if any tenant or resident has resided in the dwelling for less than one year," the Owner/Agent may terminate the tenancy by service upon the Resident of a written 30-day notice.
6. **PETS, WATERBEDS AND MUSICAL INSTRUMENTS**: No cats, dogs or other pets capable of causing damage to persons or property are allowed without a signed Pet Agreement, and a pet fee paid by the Resident. The Resident will be responsible for any and all damage caused by their pets. Waterbeds are permissible only with proper insurance and written approval by management. Pianos and organs are not allowed without the written consent of management.
7. **OCCUPANTS**: The unit will be used only for housing persons listed on the Rental Agreement. Additional Residents must be approved by management and are subject to full screening procedures. Persons other than those specifically listed on the Rental Agreement shall be strictly prohibited from staying in the rental unit for more than 10 consecutive days, or a total of twenty days in any twelve month period. For purposes of this section, "staying in the rental unit" means presence on the premises for a substantial amount of time, whether during the day or overnight, and shall include, but not be limited to, long-term or regular house guests, live-in baby-sitters, visiting relatives, etc. Resident shall notify the Landlord in writing at the earlier of: any time the Resident expects any guest to be staying in excess of the time limits contained in this paragraph; or when such person in fact stays in excess of such time limits. Subsidized Residents shall be required to submit a report to the Landlord identifying any persons not identified on the Rental Agreement and staying in the rental unit for more than 10 consecutive days, or twenty nonconsecutive days in any twelve month period, and shall state whether such person is contributing to the income of the Resident and to what extent.
8. **SUBLETTING**: Transfer of any interest in this agreement or subletting the premises is not permitted without Owner/Agent written approval.
9. **CARE OF PREMISES**: The Resident agrees to keep all areas of the premises clean, sanitary and free from any accumulations of debris, filth, rubbish and garbage and to dispose of same in a proper manner. Residents shall take particular caution regarding the use of cigarettes and other fire hazards. Residents shall not store flammable or hazardous materials. Residents are responsible for all damages to furnishings or premises caused by their negligence. Resident shall report leaky or defective faucets at once. Expense or damage caused by stoppage of waste pipes or overflows of bathtubs, toilets or wash basins must be paid by the Resident as well as any damage to the building or furnishings other than ordinary wear and tear. The Resident shall be responsible for notifying the Owner/Agent when Resident becomes aware of an inoperable dead bolt lock or window security or locking device in the dwelling unit.
10. **USE OF AND CHANGES TO PREMISES**: All electrical, plumbing, sanitary, heating, ventilating, air conditioning and other facilities or appliances on the premises are to be used in a reasonable manner. Resident will immediately obtain, pay for and not allow to be disconnected or discontinued the utilities for which Resident is responsible. Resident will make no changes or additions to the premises or install anything on the walls, ceilings or in the windows without the prior written consent of Owner/Agent. Satellite dishes and/or antennas will be allowed only in strict compliance with Owner/Agent's Satellite Dish policy and applicable law.
11. **DAMAGE**: The Resident agrees not to destroy, damage, deface or remove any part of the premises or permit any persons to do so and to assume all liability for damages other than ordinary wear and tear.
12. **SECURITY DEPOSITS**: All refundable deposits, however designated, may be used to offset any damage, unusual wear and tear or unpaid accounts (including rent) either during the tenancy or at the time of move-out. If used during the tenancy, Resident will replenish it upon demand. If applied at move-out, any excess will be refunded within the time required by law. Any deficiency will be due from you at the time the accounting is sent to you. Any amounts not paid by you within 31 days of the due date will incur interest at 1% per month. If any overdue accounts are turned over to a collection agency, the Resident will be responsible for all collection agency fees and charges. Sending the accounting and/or refunding any deposit does not waive the owner's right to payment for charges discovered or finalized after the accounting was sent. Any security deposit received from multiple residents shall be refunded only when the last resident vacates the unit and terminates their tenancy, unless other arrangements are made with Owner/Agent in writing. Security deposits may be deposited into an interest bearing account. All interest shall accrue to the benefit of Owner/Agent pursuant to their agreement. No interest will be paid to resident on security deposits. If the "Deposits Held By Owner" box is checked on page 1 of this Rental Agreement, all deposits will be deposited by manager into a trust account as required by California law. Manager will then forward the deposits to the owner of the property, who will manage the deposits pursuant to California law.
13. **FEES**: Upon termination of the tenancy and delivery of possession, Owner/Agent shall first apply any fee to the related landlord expense as reasonably assessed against Resident, before applying Resident's security deposit, if any, to that expense. Owner may charge a fee not to exceed $25 each time Owner sends a notice to Resident as a result of Resident's non-compliance with this agreement to cover Owner/Agent's administrative expenses for issuing the notice.
14. **JOINT RESPONSIBILITY**: All Residents are jointly and severally responsible for rent, all other performance and financial obligations hereunder and any damage caused to the living unit or common area by the Resident, any Resident or Occupant of the same unit or their guests. Cost of repairs for damage must be paid within 30 days after receiving a bill unless other arrangements have been made, in writing, with management. Any valid termination notice received from any one Resident may be considered by Landlord a termination notice from all Residents. Any Residents not giving the notice who desire to remain in the premises, may be required to submit updated financial information and requalify under Owner/Agent's then current criteria.
15. **ACCESS**: The Resident agrees not to unreasonably withhold consent to the Owner/Agent to enter the unit in order to inspect the premises, make necessary or agreed repairs, decorations, alterations, or improvements or to show the unit to prospective buyers or Residents. Owner/Agent may enter the unit without consent in an emergency or at any reasonable time with 24 hours actual notice or after receipt of tenant's written request for maintenance. If the Owner/Agent is obligated to maintain the yard, the Owner/Agent, or their contractors, may enter the yard, without notice, at reasonable times and with reasonable frequency, to perform the maintenance work.
16. **ABSENT**: The Resident agrees to notify the Owner/Agent of any absence in excess of seven (7) days no later than the first day of absence.
17. **LEGAL ACTION**: In the event an action is brought by any party to enforce any term of this agreement or to recover possession of the premises, the prevailing party shall recover from the other party, in addition to costs, reasonable attorney's fees.

    ☐ If checked, the total amount the prevailing party shall recover shall not exceed $_____.
18. **LOCKS**: Doors of Residents' unit should be kept locked. Resident shall notify Owner/Agent in writing if locks fail to operate. The Owner/Agent will not be liable or responsible in any way for loss or damage to articles or property belonging to Residents. Resident shall not change the locks without Owner's prior consent. Resident shall immediately provide Owner with a key to any new locks installed.
19. **RENTER'S INSURANCE**: If renter's insurance is required on the front of this Agreement, Resident will obtain and maintain insurance with a minimum of $100,000 of liability coverage. Resident will supply Owner/Agent with evidence of such insurance prior to occupying the unit and thereafter upon request. Failure to maintain such insurance in full force will be considered a material non-compliance with this Agreement. If insurance is not required by this Agreement, Re[illegible]n renter's insurance to cover Resident's liability to [illegible]ll as damage or destruction of Resident's property. [illegible]s insurance is required, Resident is not a co-insu[illegible]o rights to, Owner/Agent's insurance policies. Except to the extent required by law, Owner/Agent is not responsible for, and its insurance does not cover damage or destruction to, Resident's property. Except to the extent prohibited by law, Resident, on behalf of himself and Resident's insurers, hereby waives any right to subrogation against Owner/Agent or their agents, employees or insurers with respect to any loss or damage relating to Resident's property to the extent such loss or damage is covered by Resident's renter's insurance. Owner/Agent does not waive any subrogation rights its insurers may have.
20. **CONDUCT**: The premises are to be used only as a dwelling. All Residents are responsible for their own conduct, that of the other Residents in the unit and their guests. Noisy conduct that disturbs the quiet enjoyment of any other Resident or drunk or disorderly conduct will not be permitted at any time. Between 10:00 p.m. and 7:00 a.m. no noise may be emitted from the unit that can be heard outside the unit. This includes stereos, radios, televisions, etc. Residents will not be permitted to play in halls, stairways or entrance of buildings, gardens or landscape areas except where specifically permitted by management. The use, possession, manufacture, or distribution of illegal substances either on or in the vicinity of the Premises is strictly prohibited. Resident may not allow any person to: a) be on the premises who has been excluded from the common areas by Owner/Agent; or b) stay in their unit, as defined in section 7 above, who has had their rental agreement terminated by Owner/Agent. Any action by Resident, any occupant of Resident's unit, or any guest of Resident that interferes with the management of the premises, shall be considered a material noncompliance with this rental agreement.
21. **MALFUNCTIONS**: The Resident will immediately report in writing all malfunctions of equipment, failures of essential services, or needs for repair. The Resident shall not tamper with the heating system, appliances, locks, doors, light fixtures, or smoke alarms or make any alterations of any nature on or to the premises without the specific written consent of management.
22. **RESIDENT LOSSES**: The Owner/Agent shall not be liable for damages of any kind caused by the lack of heat, refrigeration or other services to the premises arising out of any accident, act of God, or occurrence beyond the control of the Owner/Agent. The Resident shall be limited to the rights and remedies specified under California law.
23. **CO-SIGNER**: If the obligations under this agreement are guaranteed by a co-signer, Resident agrees that Owner/Agent would not have rented without the guaranty. In the event the guaranty is terminated or becomes unenforceable for any reason, this will be considered a material non-compliance with this agreement.
24. **COMMUNITY RULES**: Unless Owner/Agent has custom rules and regulations for the property, the rules and regulations contained in MMHA form M132 CA (Community Rules & Regulations) apply and are incorporated by reference herein.
25. **NOTICES**: All notices required under the Rental Agreement or State law to be in writing shall be served personally, by first class mail or by first class mail and attachment. If served by first class mail and attachment, a notice from the Owner/Agent to the Resident shall be deemed served on the day and at the time it is both mailed by first class mail to the Resident at the premises and attached in a secure manner to the main entrance of that portion of the premises of which the Resident has possession. If served by first class mail and attachment, a notice from the Resident to the Owner/Agent shall be deemed served on the day it is both mailed by first class mail to the Owner/Agent at the address set forth on this Agreement and attached in a secure manner to the main entrance of the complex office, if one exists, and if not, to the Owner/Agent's location identified on the front of this Agreement. If the main entrance to the complex office is located inside a building, the notice should be attached to the main entrance of such building. Owner/Agent is authorized to accept notices on behalf of the owner of the premises. Personal service may be effected for the purpose of service of process and for the purpose of receiving and receipting of all notices and demands at the telephone number, and street address of the Owner/Agent listed on the front page of this Rental Agreement.
26. **PARKING**: Unless Owner/Agent has custom parking rules for the property, all off street parking is governed by the rules and regulations contained in MMHA form M158 CA (Parking/Carport Agreement) which Resident acknowledges receiving and is incorporated by reference herein.
27. **CONTROL OF COMMON AREAS**: Owner/Agent and any person designated by Owner/Agent retains control over any common areas of the Premises for the purposes of enforcing state trespass laws.
28. **REQUESTS FOR REASONABLE ACCOMMODATION/MODIFICATION**: As required under federal, state, and local fair housing laws, Residents with disabilities may request reasonable accommodations/modifications related to their housing. All requests must be made to the Owner/Agent specifying the nature of the requested accommodation/modification. It is recommended, but not required, that such request be made in writing.
29. **TERMINATION FOR FALSE INFORMATION OR CRIMINAL CONVICTION**: If any information supplied in conjunction with application for this rental unit is later found to be false, or if any occupant is convicted of a crime during the tenancy that would constitute grounds for denial of tenancy under Owner's then current rental criteria, this is grounds for termination of tenancy.
30. **MEGAN'S LAW NOTICE**: Pursuant to Section 290.46 of the Penal Code, information about specified registered sex offenders is made available to the public via an Internet Web site maintained by the Department of Justice at www.meganslaw.ca.gov. Depending on an offender's criminal history, this information will include either the address at which the offender resides or the community of residence and ZIP Code in which he or she resides.
31. **COMPLETE AGREEMENT**: This Rental Agreement, any rules and regulations for the premises, and any other written addenda executed by the parties on or after the date of this Agreement contain the entire understanding of the parties. There are no prior oral or written agreements unless they are referenced herein. If this is a renewal of an existing Rental Agreement, all written addenda executed on or after the date of the original Rental Agreement that are consistent herewith are incorporated herein. If any clause or part of a clause of this Rental Agreement is found to be unenforceable by a co[illegible]n proper authority then that clause or part of the clau[illegible]d the rest of this Rental Agreement shall remain in f[illegible]

Item # 10.

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☐ ON SITE ☐ RESIDENT ☐ MAIN OFFICE (IF REQUIRED) **INITIAL HERE** _____

ADDENDUM TO RENTAL AGREEMENT

CAMBRIDGE
real estate services

Property Name Cedar Park Apartments Unit # _____

Resident Name(s) _____

Authorized Agent: The name of the person authorized to manage the property and act on behalf of the owner for the purpose of service of process and for the purpose of receiving and receipting for notices and demands is Cambridge Real Estate Services.

Rules and Regulations: The resident understands and agrees to abide by all of the terms and conditions listed on the Rental Agreement and all separate rules and regulations which are incorporated as part of this Agreement.

Early Termination Exception: The lease buy-out option does not exist during the initial lease term of a property operated under Section 42 of the IRS Code.

Unenforceable Provisions: The resident agrees that, if at some future date, a portion of this agreement should be judged unenforceable by a court of law, all other portions will remain in force.

Security Deposits: If the security deposit increases due to a change in the number of residents, the amount of the increase will be the responsibility of the remaining resident(s).

Delivery of Possession: Landlord shall not be liable to resident for failure to deliver possession at the beginning of the term if such failure is due to circumstances beyond the Landlord's reasonable control, including the prior tenant's failure to vacate.

Partial Payments: Partial rent payments will not be accepted.

Late Charges: A late charge totaling $50.00 will be charged if rent is paid after 5 p.m. on the 4th of the month. Exception: If the 5th of the month falls on a Sunday or a holiday, the late fee will be assessed on the next business day.

Babysitting: Except where otherwise allowed by local ordinance or housing program (i.e. Section 42 housing), operation of a commercial day care facility within an apartment must be disclosed to and approved by management.

Winterizing: The Resident shall comply with all reasonable requests made by the Landlord regarding the care of their apartment, including but not limited to directions regarding protecting the property against damage due to freezing temperatures; proper use of fixtures and appliances; and generally accepted housekeeping standards including but without limitation to cleaning supplies, techniques and frequency.

Barbecues: Barbecues: as of December 1st, 2022, no barbecue of any type may be stored or used on the Premises. This includes, but is not limited to, a resident's porch, balcony, common areas, and parking lots.

Lockouts: As a company wide policy, we do not handle lockouts for residents. If a resident is locked out, they can obtain a key during business hours or, if after hours, must call a locksmith.

Transfers: A transfer fee may be required for any resident wishing to transfer apartments. In cases where the property is operated with Section 42 of the IRS Code, transfer requests may be denied.

Gardens: The resident must not cultivate any garden area or disturb any landscape without written management permission, except in designated areas.

Accessible Unit: If accessible unit is occupied by a tenant not needing the specially designed features of the unit:

- If I am occupying a specially designed accessible unit for disabled persons, and if I do not need such accessible features, I acknowledge that priority for such accessible unit is given to those disabled persons needing the special design features of this unit. I agree that I will be required to vacate the unit within 30 days of notification from landlord that an eligible individual requires the special design features of this unit. I further agree to move at my own expense (unless otherwise agreed by landlord in writing) within 30 calendar days of such written notice. I further understand that, if I move to an appropriate unit within the project, my rental rate will change to the rental rate for the unit I move to and this lease will be modified accordingly.

Resident further agrees to:

- Keep the apartment clean at all times, free of dirt and debris, especially those that can harbor mold, mildew spores or fungal growth
- Clean bathroom, kitchen surfaces and walls with projects which reduce or inhibit growth of mold, mildew or other fungi
- Keep the humidity below 40% in the apartment
- Report to the landlord when any exhaust fan does not operate
- Open multiple windows (weather permitting) at least twice a week for a minimum of one hour to allow cross ventilation of the apartment
- Notify the landlord of any mold grown on any surfaces inside the apartment, such as dark stains or patterns migrating through the walls or ceilings, and not attempt to disturb or remove any identified mold growth in the apartment unit without consulting the property manager
- Immediately report the discovery of the presence or indications of vermin such as accumulations of debris or feces. The resident agrees not to attempt to disturb or remove vermin in the apartment unit without consulting the property ma

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- Allow the landlord to enter the apartment to inspect and make necessary repairs
- Not modify or adjust any utility or mechanical systems in the apartment without prior written approval from the property manager. Apartment unit modifications and adjustments include, but are not limited to: sealing, closing or otherwise restricting the flow of ventilation or plumbing systems (including the installation/use of bidets); adding, removing or diverting any ventilation duct or plumbing lines; drilling, nailing, or otherwise penetrating walls, floors, or ceilings to a depth of more than one inch (i.e. where the penetration might contact plumbing or electrical lines or result in a loss of integrity)

If Pets Allowed at This Property:

- Unless otherwise granted by management in writing, there shall be a combined limit of two pets, aquariums or cages per apartment. The maximum aquarium size shall not exceed 50 gallons and the maximum cage size shall not exceed 30 cubic feet. Maximum occupancy for each aquarium or cage shall be subject to approval by a qualified veterinarian.
- Pets will not be allowed out of the unit except when being carried by Resident or when on a leash under Resident's control.
- Pets will be kept clean and free of pests. Pest treatments required due to pet owner negligence will be billed to the resident. The pet will not be allowed to use any part of the property for depositing waste. Failure to clean up pet waste will result in a $50 fee ($5 at HUD properties) per offense. Should this occur accidentally, the pet waste will immediately be picked up, sealed in a plastic bag and thrown away. Any pet waste that is accumulated in a tray outside the apartment home will be disposed of promptly and properly.
- Pets shall not be kept, bred or used for any commercial purpose.
- Puppy pads, or other pet training pads used specifically for collecting waste are specifically prohibited as they do not meet standards for housekeeping and can lead to floor damage.
- Payment arrangements for the required security deposit may be made by satisfying an initial pet deposit of $50 and then paying $10 monthly until paid in full (HUD Elderly Properties Only).
- See further information on the Pet Agreement.

Service Animals: The service animal(s) will be kept clean and free of pests. See further information on the Assistance/Companion Animal Agreement. Service animals will not be allowed out of the unit except when being carried by Resident or when on a leash under Resident's control.

Gang Activity: Tenant agrees that tenant, any family member residing on the Premises or any guest or invitee shall not be a participant of gang activity or criminal activity on the Premises during the term of this Agreement. The term "gang" refers to a group, or a member of a group, of people who are involved in illegal activity or anti-social behavior. "Gang activity" includes but is not limited to:

- Wearing clothing, jewelry, or tattoos unique to gang affiliations (color alone is not sufficient to establish gang affiliation)
- Grouping to show gang affiliation or to intimidate rival gangs or tenants, or
- Claiming gang membership

Criteria for Exclusion of Non-Residents from the Premises: Any non-resident will be barred from returning to the Premises if that person:

- Makes unreasonable noise
- Engages in fighting or in violent or threatening behavior
- Substantially interferes with any right, comfort or convenience of any resident of the Premises or employee of the Landlord
- Engages in activity which constitutes a criminal offense
- Engages in any activity involving firearms, illegal drugs or violence
- Damages, defaces or destroys any property belonging to Landlord, any resident or any Landlord's employees
- Litters on the Premises
- Drives in a careless or reckless manner
- Consumes or possesses an open container of any alcoholic beverage on the common areas of the Premises
- Engages in Gang activity (defined above in Gang Activity section)
- Violates curfew ordinance for the City where Premises is located

Notice: Pursuant to Section 290.46 of the Penal Code, information about specified registered sex offenders is made available to the public via an internet website maintained by the Department of Justice at http://www.megan'slaw.ca.gov. Depending on an offender's criminal history, this information will include either the address at which the offender resides or the community of residence and zip code in which he or she resides.

RESIDENT	DATE	RESIDENT	DATE
RESIDENT	DATE	RESIDENT	DATE
RESIDENT	DATE	RESIDENT	DATE
		OWNER/AGENT	DATE

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LEASE ADDENDUM

VIOLENCE AGAINST WOMEN AND JUSTICE DEPARTMENT REAUTHORIZATION ACT OF 2005

TENANT	LANDLORD	UNIT NO. & ADDRESS

This lease addendum adds the following paragraphs to the Lease between the above referenced Tenant and Landlord.

Purpose of the Addendum

The lease for the above referenced unit is being amended to include the provisions of the Violence Against Women and Justice Department Reauthorization Act of 2005 (VAWA).

Conflicts with Other Provisions of the Lease

In case of any conflict between the provisions of this Addendum and other sections of the Lease, the provisions of this Addendum shall prevail.

Term of the Lease Addendum

The effective date of this Lease Addendum is _____. This Lease Addendum shall continue to be in effect until the Lease is terminated.

VAWA Protections

1. The Landlord may not consider incidents of domestic violence, dating violence or stalking as serious or repeated violations of the lease or other "good cause" for termination of assistance, tenancy or occupancy rights of the victim of abuse.
2. The Landlord may not consider criminal activity directly relating to abuse, engaged in by a member of a tenant's household or any guest or other person under the tenant's control, cause for termination of assistance, tenancy, or occupancy rights if the tenant or an immediate member of the tenant's family is the victim or threatened victim of that abuse.
3. The Landlord may request in writing that the victim, or a family member on the victim's behalf, certify that the individual is a victim of abuse and that the Certification of Domestic Violence, Dating Violence or Stalking, Form HUD-91066, or other documentation as noted on the certification form, be completed and submitted within 14 business days, or an agreed upon extension date, to receive protection under the VAWA. Failure to provide the certification or other supporting documentation within the specified timeframe may result in eviction.

_____ _____
Tenant Date

_____ _____
Landlord Date

EXHIBIT “C”

METRO MULTIFAMILY HOUSING ASSOCIATION
Promoting Quality Rental Housing

CALIFORNIA RENTAL AGREEMENT

CAMBRIDGE
real estate services
EQUAL HOUSING OPPORTUNITY

☐ MOVE-IN ☐ LEASE RENEWAL ☐ TRANSFER OLD UNIT #_____ ☐ FILE CHANGES

PARTIES

DATE | PROPERTY NAME / NUMBER: Cedar Park Apartments CA210

RESIDENTS (NAME ALL ADULTS):

PREMISES ADDRESS | UNIT # | CITY | STATE | ZIP

OWNER/AGENT | PHONE

ADDRESS | CITY | STATE | ZIP

TENANCY

☐ LEASE TERM BEGINNING: AND ENDING:

☐ CHECK IF EARLY TERMINATION PROVISION APPLIES. AMOUNT: $ (1½ TIMES MONTHLY STATED RENT IF BLANK)

☐ MONTH TO MONTH BEGINNING: RENT DUE DATE (IF OTHER THAN FIRST):

FINANCIAL TERMS

MONTHLY STATED RENT	$
OTHER	$
OTHER	$
OTHER	$
OTHER	$
TOTAL MONTHLY CHARGES	$
LATE CHARGE: (CHOOSE ONE) ☐ FLAT FEE OF	$
☐ PER DAY @	$
☐ 5% OF STATED RENT EVERY 5 DAYS	
RETURN CHECK CHARGE:	$
PRO-RATE METHOD: ☐ A ☐ B ☐ C (See #1 on page 2)	

ACCOUNTING

RENT DUE AT MOVE IN (FROM / THRU)	DUE	$
SECOND RENT PAYMENT (FROM / THRU)	DUE	$
SECURITY DEPOSIT (REFUNDABLE)		$
ADDITIONAL SECURITY DEPOSIT (PETS, ETC.)		$
PET FEE		$
NON-REFUNDABLE FEES (DESCRIBE OWNER / AGENT EXPENSE)		$
OTHER MONTHLY CHARGES		$

☐ IF CHECKED, DEPOSITS WILL BE HELD BY OWNER.

OTHER OCCUPANTS

NAME	DATE OF BIRTH

VEHICLES

MAKE/MODEL	STATE	LICENSE PLATE #

MOVE IN ACCOUNTING

RENT	+$
DEPOSITS	+$
FEES	+$
OTHER	+$
PRIOR PAYMENT	-$
EXECUTION DEPOSIT	-$
	$
	$
TOTAL DUE AT MOVE IN	+$

SMOKE ALARMS: California law requires smoke detectors to be installed in all dwelling units intended for human occupancy. Resident acknowledges and the owner/landlord certifies that the unit is equipped with an operable smoke detector as required by **California Health and Safety Code Sections 13113.7 and 13113.8** and that the smoke alarm is approved and listed by the State Fire Marshal and installed in accordance with the State Fire Marshal's regulations. The owner/landlord is responsible for testing and maintaining smoke detectors in the lodging houses and common stairwells of apartment complexes and other multiple dwelling complexes. Resident acknowledges that an owner/landlord or any other authorized agent of the owner may enter any dwelling unit owned by the owner for the purposes of installing, repairing, testing, and maintaining single station smoke detectors as required by California law. Except in cases of emergency, the owner/landlord or any other authorized agent of the owner shall give the Resident reasonable notice in writing of the intention to enter and shall enter only during normal business hours. Twenty-four hours shall be presumed to be reasonable notice in the absence of evidence to the contrary. It is the Resident's responsibility to notify the owner/landlord if the Resident becomes aware of an inoperable smoke detector within his or her dwelling unit. The smoke detectors must be centrally located outside each sleeping area. The owner/landlord or any other authorized agent of the owner shall correct any reported deficiencies in the smoke detector and shall not be in violation of Section 13113.7 when he or she has not received notice of the deficiency.

TYPE OF SMOKE ALARM: ☐ 10-YEAR BATTERY ☐ ELECTRIC ☐ ELECTRIC WITH BATTERY BACK UP **INITIAL HERE** _____ _____

UTILITIES

PAID FOR / PROVIDED BY	ELECTRICITY	WATER	SEWER	GARBAGE SERVICE	GARBAGE CONTAINER	BASIC CABLE	GAS	OTHER _____
OWNER	☐	☐	☐	☐	☐	☐	☐	☐
RESIDENT	☐	☐	☐	☐	☐	☐	☐	☐

THE FOLLOWING UTILITIES OR SERVICES PAID FOR BY TENANT WILL BENEFIT OTHER TENANTS OR MANAGEMENT_____ SERVICE CHARGE FOR CABLE / INTERNET / ETC. ($ or %) _____

ANY YARD INCLUDED IN THE LEASED PREMISES WILL BE MAINTAINED BY: ☐ RESIDENT ☐ OWNER / AGENT

PETS (NUMBER & TYPE - APPROVED BY MANAGEMENT)

APPROVED FOR USE:
☐ WATERBED ☐ AQUARIUM
☐ MUSICAL INSTRUMENTS

☐ IF CHECKED, RENTER'S INSURANCE IS REQUIRED

IF THE TENANCY IS FOR A SET TERM, RESIDENT MUST GIVE OWNER/AGENT WRITTEN NOTICE OF INTENT TO VACATE AT LEAST 30 DAYS PRIOR TO THE END OF THE TERM OR THE TENANCY WILL, AT THE OPTION OF THE OWNER, CONVERT TO A MONTH TO MONTH TENANCY AUTOMATICALLY.

SPECIAL LEASE PROVISIONS AND/OR DISCLOSURES:

I / WE HAVE READ AND AGREE TO THE TERMS AND CONDITIONS LISTED ON BOTH PAGES OF THIS CONTRACT.

RESIDENT X DATE | RESIDENT X DATE

IN CASE OF EMERGENCY NOTIFY: STREET ADDRESS PHONE

OWNER / AGENT X DATE | IF APPLICABLE, REAL ESTATE BROKER APPROVAL DATE

☐ ON SITE ☐ RESIDENT ☐ MAIN OFFICE (IF REQUIRED)

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TERMS AND CONDITIONS

1. **RENTS**: Rents are due and payable on the first of the month and must be paid on time. If rent is not paid by the end of the _____ day of the month a late fee in the amount stated on your Rental Agreement will be imposed on the _____ day of the month and Owner (as used herein "Owner" or "Landlord" shall mean the owner and landlord of the property described on the front page of this Agreement) and its Agents (as used herein, "Agent" shall mean any authorized agent of Owner) may require the rent payment and late fee to be paid by certified check or money order. Partial payments will not be accepted without prior management approval. To protect Owner and its agents, Owner may refuse to accept cash payments of rent, rent payments from anyone other than the Resident (as used herein, "Resident" or "Tenant" shall mean a party identified as such on the front of this Agreement and a tenant of the property described on the front of this Agreement) or multiple checks for rent. If any check from Resident has been dishonored for any reason, Owner may require Resident to make all future rent payments by certified check or money order. Month to month rents may be increased with a 30 day written notice. The daily prorates of rents and other monthly charges will be based on one of the following methods chosen by the Owner/Agent, which method will be consistently applied throughout the rental term: a) a 360 day year composed of twelve months of 30 days each; b) a 365 day year; or c) the actual number of days in the current month. The daily amount will be multiplied by the actual number of days of occupancy in the current month. NOTE: Unless otherwise specified, the pro-rate shall be based on a 365 day year. Rent payments are to be made in the form of cash, check, certified check or money order, subject to the limitations set out in this section and in CA Civil Code Section 1947.3. If rent payments are made personally, they shall be made to the Owner/Agent at the address listed on the front page of this Rental Agreement. Except where formal hours are posted otherwise, usual business hours will be from _____ to _____ weekdays. Weekend business hours may be posted at the Owner/Agent's discretion; otherwise, weekends and holidays will be by appointment.
2. **NONPAYMENT OF RENT NOTICES**: Timely payment of rent by the due date is of the essence and failure to pay the contract rent on or before the specified due date will subject the Resident to immediate service of a three-day notice to pay rent or quit.
3. **APPLICATION OF PAYMENTS**: All payments made by Resident to Owner after the tenancy commences, no matter how designated by Resident, may be applied by Owner as follows: first to any outstanding amounts due landlord for damages/repairs, utilities, deposits, fees, etc.; second, to any rent outstanding from prior months; third, to the current month's rent, and last, to outstanding late charges.
4. **EARLY TERMINATION OF LEASE**: If this is a lease for a set term, failure by the Resident(s) to complete the term because of a voluntary termination by Resident(s) or termination by the Landlord for a Resident breach, will expose Resident(s) to the payment of damages. If the early termination box is checked on the front of this agreement to allow Resident(s) to terminate early without uncertainty as to the amount that will be owed as a result, it is agreed that upon any failure of Resident(s) to occupy the unit for the full term, for any reason, Resident(s) will pay to Landlord, in lieu of all other damages or amounts that could be recovered, all of the following: a) all rent, unpaid fees and other non-rent charges accrued prior to the date the unit is vacated; b) all damages relating to the condition of the unit; c) if Resident has given at least 30 days notice of the early termination, an early termination fee in the amount set forth on the front of this agreement, or if none stated, equal to 1½ month's stated rent to cover Owner's potential vacancy loss and advertising and administrative costs associated with re-renting the unit and if Resident has not given at least 30 days notice of the early termination the fee will be 150% of the previously stated amount to cover the increased rental loss associated with no advance notice; and d) interest on the above amounts at the statutory rate from the date each was due. The early termination fee is due on the earlier of the date Resident(s) give notice to vacate or the date the unit is vacated. All other amounts are due at the times specified in this agreement. If the early termination box is not checked, Resident will be liable to Landlord for all actual damages resulting from the early termination, including but not limited to: repayment of concessions; all rent through the earlier of the date the unit is re-rented and the lease termination date; advertising and administrative costs to re-rent the unit; concessions given to re-rent the unit; the difference in rent if a lower rental rate is received from a replacement resident during the remaining term of the original rental agreement; and the worth at the time of award of the amount by which the unpaid rent for the balance of the term after the time of award exceeds the amount of such rental loss for the same period that the Resident proves could be reasonably avoided.
5. **TERMINATION**: A 30 day written notice to terminate will be required for a month to month tenancy. **If the tenancy is for a set term, Resident must give Landlord written notice of intent to vacate at least 30 days prior to the end of the term or the tenancy will, at the option of Landlord, convert to a month to month tenancy automatically, with all conditions, rules and regulations continuing.** Such month to month tenancy may be terminated by Resident after service upon Owner/Agent of a written 30-day Notice of Termination. Except as prohibited by law, that month to month tenancy may be terminated by the Owner/Agent by service upon the Resident of a written 60-day notice of termination of tenancy. However, Civil Code Section 1946.1 provides that "if any tenant or resident has resided in the dwelling for less than one year," the Owner/Agent may terminate the tenancy by service upon the Resident of a written 30-day notice.
6. **PETS, WATERBEDS AND MUSICAL INSTRUMENTS**: No cats, dogs or other pets capable of causing damage to persons or property are allowed without a signed Pet Agreement, and a pet fee paid by the Resident. The Resident will be responsible for any and all damage caused by their pets. Waterbeds are permissible only with proper insurance and written approval by management. Pianos and organs are not allowed without the written consent of management.
7. **OCCUPANTS**: The unit will be used only for housing persons listed on the Rental Agreement. Additional Residents must be approved by management and are subject to full screening procedures. Persons other than those specifically listed on the Rental Agreement shall be strictly prohibited from staying in the rental unit for more than 10 consecutive days, or a total of twenty days in any twelve month period. For purposes of this section, "staying in the rental unit" means presence on the premises for a substantial amount of time, whether during the day or overnight, and shall include, but not be limited to, long-term or regular house guests, live-in baby-sitters, visiting relatives, etc. Resident shall notify the Landlord in writing at the earlier of: any time the Resident expects any guest to be staying in excess of the time limits contained in this paragraph; or when such person in fact stays in excess of such time limits. Subsidized Residents shall be required to submit a report to the Landlord identifying any persons not identified on the Rental Agreement and staying in the rental unit for more than 10 consecutive days, or twenty nonconsecutive days in any twelve month period, and shall state whether such person is contributing to the income of the Resident and to what extent.
8. **SUBLETTING**: Transfer of any interest in this agreement or subletting the premises is not permitted without Owner/Agent written approval.
9. **CARE OF PREMISES**: The Resident agrees to keep all areas of the premises clean, sanitary and free from any accumulations of debris, filth, rubbish and garbage and to dispose of same in a proper manner. Residents shall take particular caution regarding the use of cigarettes and other fire hazards. Residents shall not store flammable or hazardous materials. Residents are responsible for all damages to furnishings or premises caused by their negligence. Resident shall report leaky or defective faucets at once. Expense or damage caused by stoppage of waste pipes or overflows of bathtubs, toilets or wash basins must be paid by the Resident as well as any damage to the building or furnishings other than ordinary wear and tear. The Resident shall be responsible for notifying the Owner/Agent when Resident becomes aware of an inoperable dead bolt lock or window security or locking device in the dwelling unit.
10. **USE OF AND CHANGES TO PREMISES**: All electrical, plumbing, sanitary, heating, ventilating, air conditioning and other facilities or appliances on the premises are to be used in a reasonable manner. Resident will immediately obtain, pay for and not allow to be disconnected or discontinued the utilities for which Resident is responsible. Resident will make no changes or additions to the premises or install anything on the walls, ceilings or in the windows without the prior written consent of Owner/Agent. Satellite dishes and/or antennas will be allowed only in strict compliance with Owner/Agent's Satellite Dish policy and applicable law.
11. **DAMAGE**: The Resident agrees not to destroy, damage, deface or remove any part of the premises or permit any persons to do so and to assume all liability for damages other than ordinary wear and tear.
12. **SECURITY DEPOSITS**: All refundable deposits, however designated, may be used to offset any damage, unusual wear and tear or unpaid accounts (including rent) either during the tenancy or at the time of move-out. If used during the tenancy, Resident will replenish it upon demand. If applied at move-out, any excess will be refunded within the time required by law. Any deficiency will be due from you at the time the accounting is sent to you. Any amounts not paid by you within 31 days of the due date will incur interest at 1% per month. If any overdue accounts are turned over to a collection agency, the Resident will be responsible for all collection agency fees and charges. Sending the accounting and/or refunding any deposit does not waive the owner's right to payment for charges discovered or finalized after the accounting was sent. Any security deposit received from multiple residents shall be refunded only when the last resident vacates the unit and terminates their tenancy, unless other arrangements are made with Owner/Agent in writing. Security deposits may be deposited into an interest bearing account. All interest shall accrue to the benefit of Owner/Agent pursuant to their agreement. No interest will be paid to resident on security deposits. If the "Deposits Held By Owner" box is checked on page 1 of this Rental Agreement, all deposits will be deposited by manager into a trust account as required by California law. Manager will then forward the deposits to the owner of the property, who will manage the deposits pursuant to California law.
13. **FEES**: Upon termination of the tenancy and delivery of possession, Owner/Agent shall first apply any fee to the related landlord expense as reasonably assessed against Resident, before applying Resident's security deposit, if any, to that expense. Owner may charge a fee not to exceed $25 each time Owner sends a notice to Resident as a result of Resident's non-compliance with this agreement to cover Owner/Agent's administrative expenses for issuing the notice.
14. **JOINT RESPONSIBILITY**: All Residents are jointly and severally responsible for rent, all other performance and financial obligations hereunder and any damage caused to the living unit or common area by the Resident, any Resident or Occupant of the same unit or their guests. Cost of repairs for damage must be paid within 30 days after receiving a bill unless other arrangements have been made, in writing, with management. Any valid termination notice received from any one Resident may be considered by Landlord a termination notice from all Residents. Any Residents not giving the notice who desire to remain in the premises, may be required to submit updated financial information and requalify under Owner/Agent's then current criteria.
15. **ACCESS**: The Resident agrees not to unreasonably withhold consent to the Owner/Agent to enter the unit in order to inspect the premises, make necessary or agreed repairs, decorations, alterations, or improvements or to show the unit to prospective buyers or Residents. Owner/Agent may enter the unit without consent in an emergency or at any reasonable time with 24 hours actual notice or after receipt of tenant's written request for maintenance. If the Owner/Agent is obligated to maintain the yard, the Owner/Agent, or their contractors, may enter the yard, without notice, at reasonable times and with reasonable frequency, to perform the maintenance work.
16. **ABSENT**: The Resident agrees to notify the Owner/Agent of any absence in excess of seven (7) days no later than the first day of absence.
17. **LEGAL ACTION**: In the event an action is brought by any party to enforce any term of this agreement or to recover possession of the premises, the prevailing party shall recover from the other party, in addition to costs, reasonable attorney's fees.

    ☐ If checked, the total amount the prevailing party shall recover shall not exceed $_____.
18. **LOCKS**: Doors of Residents' unit should be kept locked. Resident shall notify Owner/Agent in writing if locks fail to operate. The Owner/Agent will not be liable or responsible in any way for loss or damage to articles or property belonging to Residents. Resident shall not change the locks without Owner's prior consent. Resident shall immediately provide Owner with a key to any new locks installed.
19. **RENTER'S INSURANCE**: If renter's insurance is required on the front of this Agreement, Resident will obtain and maintain insurance with a minimum of $100,000 of liability coverage. Resident will supply Owner/Agent with evidence of such insurance prior to occupying the unit and thereafter upon request. Failure to maintain such insurance in full force will be considered a material non-compliance w
    If insurance is not required by this Agreement, Resid
    renter's insurance to cover Resident's liability to Owner/Agent, as well as damage or destruction of Resident's property. Whether or not renter's insurance is required, Resident is not a co-insured under, and has no rights to, Owner/Agent's insurance policies. Except to the extent required by law, Owner/Agent is not responsible for, and its insurance does not cover damage or destruction to, Resident's property. Except to the extent prohibited by law, Resident, on behalf of himself and Resident's insurers, hereby waives any right to subrogation against Owner/Agent or their agents, employees or insurers with respect to any loss or damage relating to Resident's property to the extent such loss or damage is covered by Resident's renter's insurance. Owner/Agent does not waive any subrogation rights its insurers may have.
20. **CONDUCT**: The premises are to be used only as a dwelling. All Residents are responsible for their own conduct, that of the other Residents in the unit and their guests. Noisy conduct that disturbs the quiet enjoyment of any other Resident or drunk or disorderly conduct will not be permitted at any time. Between 10:00 p.m. and 7:00 a.m. no noise may be emitted from the unit that can be heard outside the unit. This includes stereos, radios, televisions, etc. Residents will not be permitted to play in halls, stairways or entrance of buildings, gardens or landscape areas except where specifically permitted by management. The use, possession, manufacture, or distribution of illegal substances either on or in the vicinity of the Premises is strictly prohibited. Resident may not allow any person to: a) be on the premises who has been excluded from the common areas by Owner/Agent; or b) stay in their unit, as defined in section 7 above, who has had their rental agreement terminated by Owner/Agent. Any action by Resident, any occupant of Resident's unit, or any guest of Resident that interferes with the management of the premises, shall be considered a material noncompliance with this rental agreement.
21. **MALFUNCTIONS**: The Resident will immediately report in writing all malfunctions of equipment, failures of essential services, or needs for repair. The Resident shall not tamper with the heating system, appliances, locks, doors, light fixtures, or smoke alarms or make any alterations of any nature on or to the premises without the specific written consent of management.
22. **RESIDENT LOSSES**: The Owner/Agent shall not be liable for damages of any kind caused by the lack of heat, refrigeration or other services to the premises arising out of any accident, act of God, or occurrence beyond the control of the Owner/Agent. The Resident shall be limited to the rights and remedies specified under California law.
23. **CO-SIGNER**: If the obligations under this agreement are guaranteed by a co-signer, Resident agrees that Owner/Agent would not have rented without the guaranty. In the event the guaranty is terminated or becomes unenforceable for any reason, this will be considered a material non-compliance with this agreement.
24. **COMMUNITY RULES**: Unless Owner/Agent has custom rules and regulations for the property, the rules and regulations contained in MMHA form M132 CA (Community Rules & Regulations) apply and are incorporated by reference herein.
25. **NOTICES**: All notices required under the Rental Agreement or State law to be in writing shall be served personally, by first class mail or by first class mail and attachment. If served by first class mail and attachment, a notice from the Owner/Agent to the Resident shall be deemed served on the day and at the time it is both mailed by first class mail to the Resident at the premises and attached in a secure manner to the main entrance of that portion of the premises of which the Resident has possession. If served by first class mail and attachment, a notice from the Resident to the Owner/Agent shall be deemed served on the day it is both mailed by first class mail to the Owner/Agent at the address set forth on this Agreement and attached in a secure manner to the main entrance of the complex office, if one exists, and if not, to the Owner/Agent's location identified on the front of this Agreement. If the main entrance to the complex office is located inside a building, the notice should be attached to the main entrance of such building. Owner/Agent is authorized to accept notices on behalf of the owner of the premises. Personal service may be effected for the purpose of service of process and for the purpose of receiving and receipting of all notices and demands at the telephone number, and street address of the Owner/Agent listed on the front page of this Rental Agreement.
26. **PARKING**: Unless Owner/Agent has custom parking rules for the property, all off street parking is governed by the rules and regulations contained in MMHA form M158 CA (Parking/Carport Agreement) which Resident acknowledges receiving and is incorporated by reference herein.
27. **CONTROL OF COMMON AREAS**: Owner/Agent and any person designated by Owner/Agent retains control over any common areas of the Premises for the purposes of enforcing state trespass laws.
28. **REQUESTS FOR REASONABLE ACCOMMODATION/MODIFICATION**: As required under federal, state, and local fair housing laws, Residents with disabilities may request reasonable accommodations/modifications related to their housing. All requests must be made to the Owner/Agent specifying the nature of the requested accommodation/modification. It is recommended, but not required, that such request be made in writing.
29. **TERMINATION FOR FALSE INFORMATION OR CRIMINAL CONVICTION**: If any information supplied in conjunction with application for this rental unit is later found to be false, or if any occupant is convicted of a crime during the tenancy that would constitute grounds for denial of tenancy under Owner's then current rental criteria, this is grounds for termination of tenancy.
30. **MEGAN'S LAW NOTICE**: Pursuant to Section 290.46 of the Penal Code, information about specified registered sex offenders is made available to the public via an Internet Web site maintained by the Department of Justice at www.meganslaw.ca.gov. Depending on an offender's criminal history, this information will include either the address at which the offender resides or the community of residence and ZIP Code in which he or she resides.
31. **COMPLETE AGREEMENT**: This Rental Agreement, any rules and regulations for the premises, and any other written addenda executed by the parties on or after the date of this Agreement contain the entire understanding of the parties. There are no prior oral or written agreements unless they are referenced herein. If this is a renewal of an existing Rental Agreement, all written addenda executed on or after the date of the original Rental Agreement that are consistent herewith are incorporated herein. If any clause or part of a clause of this Rental Agreement is found to be unenforceable by a court or other body with proper authority then that clause or part of the clause will be deleted and the rest of this Rental Agreement shall remain in full force and effect.

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ADDENDUM TO RENTAL AGREEMENT

CAMBRIDGE
real estate services

Property Name Cedar Park Apartments Unit # _____

Resident Name(s) _____

Authorized Agent: The name of the person authorized to manage the property and act on behalf of the owner for the purpose of service of process and for the purpose of receiving and receipting for notices and demands is Cambridge Real Estate Services.

Rules and Regulations: The resident understands and agrees to abide by all of the terms and conditions listed on the Rental Agreement and all separate rules and regulations which are incorporated as part of this Agreement.

Early Termination Exception: The lease buy-out option does not exist during the initial lease term of a property operated under Section 42 of the IRS Code.

Unenforceable Provisions: The resident agrees that, if at some future date, a portion of this agreement should be judged unenforceable by a court of law, all other portions will remain in force.

Security Deposits: If the security deposit increases due to a change in the number of residents, the amount of the increase will be the responsibility of the remaining resident(s).

Delivery of Possession: Landlord shall not be liable to resident for failure to deliver possession at the beginning of the term if such failure is due to circumstances beyond the Landlord's reasonable control, including the prior tenant's failure to vacate.

Partial Payments: Partial rent payments will not be accepted.

Late Charges: A late charge totaling $50.00 will be charged if rent is paid after 5 p.m. on the 4th of the month. Exception: If the 5th of the month falls on a Sunday or a holiday, the late fee will be assessed on the next business day.

Babysitting: Except where otherwise allowed by local ordinance or housing program (i.e. Section 42 housing), operation of a commercial day care facility within an apartment must be disclosed to and approved by management.

Winterizing: The Resident shall comply with all reasonable requests made by the Landlord regarding the care of their apartment, including but not limited to directions regarding protecting the property against damage due to freezing temperatures; proper use of fixtures and appliances; and generally accepted housekeeping standards including but without limitation to cleaning supplies, techniques and frequency.

Barbecues: Barbecues: as of December 1st, 2022, no barbecue of any type may be stored or used on the Premises. This includes, but is not limited to, a resident's porch, balcony, common areas, and parking lots.

Lockouts: As a company wide policy, we do not handle lockouts for residents. If a resident is locked out, they can obtain a key during business hours or, if after hours, must call a locksmith.

Transfers: A transfer fee may be required for any resident wishing to transfer apartments. In cases where the property is operated with Section 42 of the IRS Code, transfer requests may be denied.

Gardens: The resident must not cultivate any garden area or disturb any landscape without written management permission, except in designated areas.

Accessible Unit: If accessible unit is occupied by a tenant not needing the specially designed features of the unit:

- If I am occupying a specially designed accessible unit for disabled persons, and if I do not need such accessible features, I acknowledge that priority for such accessible unit is given to those disabled persons needing the special design features of this unit. I agree that I will be required to vacate the unit within 30 days of notification from landlord that an eligible individual requires the special design features of this unit. I further agree to move at my own expense (unless otherwise agreed by landlord in writing) within 30 calendar days of such written notice. I further understand that, if I move to an appropriate unit within the project, my rental rate will change to the rental rate for the unit I move to and this lease will be modified accordingly.

Resident further agrees to:

- Keep the apartment clean at all times, free of dirt and debris, especially those that can harbor mold, mildew spores or fungal growth
- Clean bathroom, kitchen surfaces and walls with projects which reduce or inhibit growth of mold, mildew or other fungi
- Keep the humidity below 40% in the apartment
- Report to the landlord when any exhaust fan does not operate
- Open multiple windows (weather permitting) at least twice a week for a minimum of one hour to allow cross ventilation of the apartment
- Notify the landlord of any mold grown on any surfaces inside the apartment, such as dark stains or patterns migrating through the walls or ceilings, and not attempt to disturb or remove any identified mold growth in the apartment unit without consulting the property manager
- Immediately report the discovery of the presence or indications of vermin such as accumulations of debris or feces. The resident agrees not to attempt to disturb or remove vermin in the apartment unit without consulting the property manager.

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- Allow the landlord to enter the apartment to inspect and make necessary repairs
- Not modify or adjust any utility or mechanical systems in the apartment without prior written approval from the property manager. Apartment unit modifications and adjustments include, but are not limited to: sealing, closing or otherwise restricting the flow of ventilation or plumbing systems (including the installation/use of bidets); adding, removing or diverting any ventilation duct or plumbing lines; drilling, nailing, or otherwise penetrating walls, floors, or ceilings to a depth of more than one inch (i.e. where the penetration might contact plumbing or electrical lines or result in a loss of integrity)

If Pets Allowed at This Property:

- Unless otherwise granted by management in writing, there shall be a combined limit of two pets, aquariums or cages per apartment. The maximum aquarium size shall not exceed 50 gallons and the maximum cage size shall not exceed 30 cubic feet. Maximum occupancy for each aquarium or cage shall be subject to approval by a qualified veterinarian.
- Pets will not be allowed out of the unit except when being carried by Resident or when on a leash under Resident's control.
- Pets will be kept clean and free of pests. Pest treatments required due to pet owner negligence will be billed to the resident. The pet will not be allowed to use any part of the property for depositing waste. Failure to clean up pet waste will result in a $50 fee ($5 at HUD properties) per offense. Should this occur accidentally, the pet waste will immediately be picked up, sealed in a plastic bag and thrown away. Any pet waste that is accumulated in a tray outside the apartment hame will be disposed of promptly and properly.
- Pets shall not be kept, bred or used for any commercial purpase.
- Puppy pads, or other pet training pads used specifically for collecting waste are specifically prohibited as they do not meet standards for housekeeping and can lead to floor damage.
- Payment arrangements for the required security deposit may be made by satisfying an initial pet deposit of $50 and then paying $10 monthly until paid in full (HUD Elderly Properties Only).
- See further information on the Pet Agreement.

Service Animals: The service animal(s) will be kept clean and free of pests. See further information on the Assistance/Companion Animal Agreement. Service animals will not be allowed out of the unit except when being carried by Resident or when on a leash under Resident's control.

Gang Activity: Tenant agrees that tenant, any family member residing on the Premises or any guest or invitee shall not be a participant of gang activity or criminal activity on the Premises during the term of this Agreement. The term "gang" refers to a group, or a member of a group, of people who are involved in illegal activity or anti-social behavior. "Gang activity" includes but is not limited to:

- Wearing clothing, jewelry, or tattoos unique to gang affiliations (color alone is not sufficient to establish gang affiliation)
- Grouping to show gang affiliation or to intimidate rival gangs or tenants, or
- Claiming gang membership

Criteria for Exclusion of Non-Residents from the Premises: Any non-resident will be barred from returning to the Premises if that person:

- Makes unreasonable noise
- Engages in fighting or in violent or threatening behavior
- Substantially interferes with any right, comfort or convenience of any resident of the Premises or employee of the Landlord
- Engages in activity which constitutes a criminal offense
- Engages in any activity involving firearms, illegal drugs or violence
- Damages, defaces or destroys any property belonging to Landlord, any resident or any Landlord's employees
- Litters on the Premises
- Drives in a careless or reckless manner
- Consumes or possesses an open container of any alcoholic beverage on the common areas of the Premises
- Engages in Gang activity (defined above in Gang Activity section)
- Violates curfew ordinance for the City where Premises is located

Notice: Pursuant to Section 290.46 of the Penal Code, information about specified registered sex offenders is made available to the public via an internet website maintained by the Department of Justice at http://www.megan'slaw.ca.gov. Depending on an offender's criminal history, this information will include either the address at which the offender resides or the community of residence and zip code in which he or she resides.

RESIDENT	DATE	RESIDENT	DATE
RESIDENT	DATE	RESIDENT	DATE
RESIDENT	DATE	RESIDENT	DATE
		OWNER/AGENT	DATE

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California Department of Housing and Community Development
ASSET MANAGEMENT & COMPLIANCE (AMC) MULTI-FAMILY RENTAL LEASE ADDENDUM

Instructions: *1. Complete the shaded areas in the form, below*
2. Have Lessor/Agent sign this Addendum and have the Tenant(s) sign this Addendum.
3. Provide fully signed copy to Tenant, and have Tenant (or Head of Household) initial indicating receipt.
NOTE: Inform Tenant that Tenant may also receive this Addendum in Spanish if requested.

This Lease Addendum (Addendum) is intended to amend the Lease/Rental Agreement (Lease), dated _____, between _____ (Lessee/Tenant) and _____ (Lessor/Landlord) for the lease of Unit Number _____ of _____ (Project) located at _____ (Address), _____ (City), California (the Leased Premises).

Cedar Park Apartments

As a condition of financial assistance provided for the above-named multifamily rental housing development (Project) by the Department of Housing and Community Development (the Department), the owner of the Project has entered into a Regulatory Agreement recorded _____ as instrument number/in book and page _____ in the Official Records of the County of _____, which establishes the terms, conditions and procedures related to the Project . The above noted leased unit is deemed to be an "Assisted Unit" as the term is defined in the Regulatory Agreement, and as such is subject to Project requirements.

The terms of this Addendum take precedence over every other provision in the lease itself and over any other lease addendum or attachment except as noted herein.

(1) "Good cause", as defined by the Uniform Multifamily Regulations (the UMR), shall be required for termination of tenancy. Pursuant to *UMR Section 8307(a)(1):* One or more of the following constitutes "good cause":

(A) failure by the Tenant to maintain applicable eligibility requirements under the Program ("Program" means the Department funding program or programs providing assistance to the Project) or other eligibility requirements as approved by the Department;

(B) material noncompliance by the Tenant with the Lease, including one or more substantial violations of the Lease or habitual minor violations of the Lease which:

(i) adversely affect the health and safety of any person or the right of any tenant to the quiet enjoyment of the Leased Premises and related Project facilities;

(ii) substantially interfere with the management, maintenance, or operation of the Project; or

(iii) result from the failure or refusal to pay, in a timely fashion, Rent, as defined in the Regulatory Agreement or UMR, or other permitted charges when due. Failure or refusal to pay in a timely fashion is a minor violation if payment is made during the 3-day notice period;

(C) material failure by the Tenant to carry out obligations under state or local law;

(D) subletting by the Tenant of all or any portion of the Assisted Unit;

(E) any other action or conduct of the Tenant constituting significant problems which can be reasonably resolved only by eviction of the Tenant, provided that the Landlord has previously notified the Tenant that the conduct or action in question would be considered cause for eviction. Examples of action or conduct in this category include the refusal of a Tenant, after written notice, to accept reasonable rules or any reasonable changes in the Lease or the refusal to recertify income or household size; or

(F) for Transitional Housing: the end of the maximum term prescribed for tenant occupancy by the Program operated in a particular Transitional Housing development.

(2) Any notice provided to the Tenant pursuant to state law shall state the facts constituting the grounds for any eviction. *See UMR Section 8307(a)(2).*

(3) The Tenant is hereby notified of the availability of grievance procedures for hearing tenant complaints and for appeal of management action; such procedures are provided within the Lease, or attached hereto, or available upon request from the management company. *See UMR Section 8307(b).*

(4) The Tenant household is annually required to recertify household income and size. *See UMR Sections 8306(a) and 8307(a)(4).*

(A) If, at the time of recertification, in MHP and LPR funded projects, the Tenant's household size has changed and no longer meets the occupancy standards of the Program, the Landlord may require the Tenant to move to the next available appropriately sized unit. *See UMR Section 8306(b).* For VHHP and AHSC funded projects, the Landlord may follow the CA Tax Credit Allocation Committee ("CTCAC") rules and procedures.

(B) If, at the time of recertification, the Tenant's household income exceeds the income limit designated for the household's unit, the Landlord may increase the Rent, in MHP funded projects, to the extent a Rent increase for the household is permitted by statues and regulations governing the low income housing tax credit program, i.e. CTCAC, pursuant to the Department's regulations governing the procedure for adjusting Rents for over-income households. *See MHP Regulations Section 7311.* For VHHP, and AHSC funded projects, the Landlord may increase the Rent using CTCAC rules and procedures. For LPR projects, the Landlord may increase the Rent in accordance with Section 108(a) of the LPR Guidelines or, for Special Rent Increase tenants, in accordance with Section 108(c)(1)(A)(v), as permitted, in either case, by CTCAC rules and procedures.

(5) Initial term of tenancy for all Department-regulated units and all tax credit units shall be a minimum of at least six months, except that units for single room occupancy or transitional housing shall have a minimum initial term of at least one month. Subsequent Lease renewals for all types of tenancy shall be for a minimum term of at least one month.

(6) Rents may be adjusted no more than once annually, and such adjustment shall be calculated in accordance with HCD Program requirements, or if so approved by HCD, using CTCAC rules and procedures. *MHP Regulations Section 7312(c).*

California Department of Housing and Community Development
ASSET MANAGEMENT & COMPLIANCE (AMC) MULTI-FAMILY RENTAL LEASE ADDENDUM

(7) For units receiving HUD Section 8 or other similar Federal rental assistance, the rules of such program regarding Rent increases shall prevail, even if Tenant contribution amounts occur more often than annually. *See MHP Regulations Section 7312(e).*

(8) Any provisions in this Lease in violation of State law, Department Regulations or Guidelines, the Regulatory Agreement, or Federal law, are void.

◉ Landlord, or;

○ Property Management Company:

By: _____ **(Manager)** _____ **(Date)**

Tenant(s) (Name and initials upon receipt of copy):

			Tenants are to initial below after receiving a copy of the signed document.	
Tenant Name	Tenant Signature	Date	Initials	Date
Tenant Name	Tenant Signature	Date	Initials	Date
Tenant Name	Tenant Signature	Date	Initials	Date
Tenant Name	Tenant Signature	Date	Initials	Date
Tenant Name	Tenant Signature	Date	Initials	Date
Tenant Name	Tenant Signature	Date	Initials	Date

EXHIBIT “D”

METRO MULTIFAMILY HOUSING ASSOCIATION
Promoting Quality Rental Housing

CALIFORNIA RENTAL AGREEMENT

CAMBRIDGE
real estate services

☐ MOVE-IN ☐ LEASE RENEWAL ☐ TRANSFER OLD UNIT #_____ ☐ FILE CHANGES

PARTIES

DATE | PROPERTY NAME / NUMBER: Glenbrook Apartments CA265

RESIDENTS (NAME ALL ADULTS):

PREMISES ADDRESS | UNIT # | CITY | STATE | ZIP

OWNER/AGENT | PHONE

ADDRESS | CITY | STATE | ZIP

TENANCY

☐ LEASE TERM BEGINNING: AND ENDING:

☐ CHECK IF EARLY TERMINATION PROVISION APPLIES. AMOUNT: $ (1½ TIMES MONTHLY STATED RENT IF BLANK)

☐ MONTH TO MONTH BEGINNING: RENT DUE DATE (IF OTHER THAN FIRST):

FINANCIAL TERMS

MONTHLY STATED RENT	$
OTHER	$
OTHER	$
OTHER	$
OTHER	$
TOTAL MONTHLY CHARGES	$
LATE CHARGE: (CHOOSE ONE)	☐ FLAT FEE OF $
	☐ PER DAY @ $
	☐ 5% OF STATED RENT EVERY 5 DAYS
RETURN CHECK CHARGE:	$
PRO-RATE METHOD: ☐ A ☐ B ☐ C (See #1 on page 2)	

ACCOUNTING

RENT DUE AT MOVE IN (FROM THRU)	DUE	$
SECOND RENT PAYMENT (FROM THRU)	DUE	$
SECURITY DEPOSIT (REFUNDABLE)		$
ADDITIONAL SECURITY DEPOSIT (PETS, ETC.)		$
PET FEE		$
NON-REFUNDABLE FEES (DESCRIBE OWNER / AGENT EXPENSE)		$
OTHER MONTHLY CHARGES		$

☐ IF CHECKED, DEPOSITS WILL BE HELD BY OWNER.

OTHER OCCUPANTS

NAME	DATE OF BIRTH

VEHICLES

MAKE/MODEL	STATE	LICENSE PLATE #

MOVE IN ACCOUNTING

RENT	+$
DEPOSITS	+$
FEES	+$
OTHER	+$
PRIOR PAYMENT	- $
EXECUTION DEPOSIT	- $
_____	$
_____	$
TOTAL DUE AT MOVE IN	+$

SMOKE ALARMS: California law requires smoke detectors to be installed in all dwelling units intended for human occupancy. Resident acknowledges and the owner/landlord certifies that the unit is equipped with an operable smoke detector as required by **California Health and Safety Code Sections 13113.7 and 13113.8** and that the smoke alarm is approved and listed by the State Fire Marshal and installed in accordance with the State Fire Marshal's regulations. The owner/landlord is responsible for testing and maintaining smoke detectors in the lodging houses and common stairwells of apartment complexes and other multiple dwelling complexes. Resident acknowledges that an owner/landlord or any other authorized agent of the owner may enter any dwelling unit owned by the owner for the purposes of installing, repairing, testing, and maintaining single station smoke detectors as required by California law. Except in cases of emergency, the owner/landlord or any other authorized agent of the owner shall give the Resident reasonable notice in writing of the intention to enter and shall enter only during normal business hours. Twenty-four hours shall be presumed to be reasonable notice in the absence of evidence to the contrary. It is the Resident's responsibility to notify the owner/landlord if the Resident becomes aware of an inoperable smoke detector within his or her dwelling unit. The smoke detectors must be centrally located outside each sleeping area. The owner/landlord or any other authorized agent of the owner shall correct any reported deficiencies in the smoke detector and shall not be in violation of Section 13113.7 when he or she has not received notice of the deficiency.

TYPE OF SMOKE ALARM: ☐ 10-YEAR BATTERY ☐ ELECTRIC ☐ ELECTRIC WITH BATTERY BACK UP

INITIAL HERE _____ _____

UTILITIES

PAID FOR / PROVIDED BY	ELECTRICITY	WATER	SEWER	GARBAGE SERVICE	GARBAGE CONTAINER	BASIC CABLE	GAS	OTHER _____
OWNER	☐	☐	☐	☐	☐	☐	☐	☐
RESIDENT	☐	☐	☐	☐	☐	☐	☐	☐

THE FOLLOWING UTILITIES OR SERVICES PAID FOR BY TENANT WILL BENEFIT OTHER TENANTS OR MANAGEMENT._____ SERVICE CHARGE FOR CABLE / INTERNET / ETC. ($ or %) _____

ANY YARD INCLUDED IN THE LEASED PREMISES WILL BE MAINTAINED BY: ☐ RESIDENT ☐ OWNER / AGENT

PETS (NUMBER & TYPE - APPROVED BY MANAGEMENT)

APPROVED FOR USE:
☐ WATERBED ☐ AQUARIUM
☐ MUSICAL INSTRUMENTS

☐ IF CHECKED, RENTER'S INSURANCE IS REQUIRED

IF THE TENANCY IS FOR A SET TERM, RESIDENT MUST GIVE OWNER/AGENT WRITTEN NOTICE OF INTENT TO VACATE AT LEAST 30 DAYS PRIOR TO THE END OF THE TERM OR THE TENANCY WILL, AT THE OPTION OF THE OWNER, CONVERT TO A MONTH TO MONTH TENANCY AUTOMATICALLY.

SPECIAL LEASE PROVISIONS AND/OR DISCLOSURES:

I / WE HAVE READ AND AGREE TO THE TERMS AND CONDITIONS LISTED ON BOTH PAGES OF THIS CONTRACT.

RESIDENT X DATE | RESIDENT X DATE

IN CASE OF EMERGENCY NOTIFY: STREET ADDRESS PHONE

OWNER / AGENT X DATE | IF APPLICABLE, REAL ESTATE BROKER APPROVAL DATE

☐ ON SITE ☐ RESIDENT ☐ MAIN OFFICE (IF REQUIRED)

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TERMS AND CONDITIONS

1. **RENTS**: Rents are due and payable on the first of the month and must be paid on time. If rent is not paid by the end of the _____ day of the month a late fee in the amount stated on your Rental Agreement will be imposed on the _____ day of the month and Owner (as used herein "Owner" or "Landlord" shall mean the owner and landlord of the property described on the front page of this Agreement) and its Agents (as used herein, "Agent" shall mean any authorized agent of Owner) may require the rent payment and late fee to be paid by certified check or money order. Partial payments will not be accepted without prior management approval. To protect Owner and its agents, Owner may refuse to accept cash payments of rent, rent payments from anyone other than the Resident (as used herein, "Resident" or "Tenant" shall mean a party identified as such on the front of this Agreement and a tenant of the property described on the front of this Agreement) or multiple checks for rent. If any check from Resident has been dishonored for any reason, Owner may require Resident to make all future rent payments by certified check or money order. Month to month rents may be increased with a 30 day written notice. The daily prorates of rents and other monthly charges will be based on one of the following methods chosen by the Owner/Agent, which method will be consistently applied throughout the rental term: a) a 360 day year composed of twelve months of 30 days each; b) a 365 day year; or c) the actual number of days in the current month. The daily amount will be multiplied by the actual number of days of occupancy in the current month. NOTE: Unless otherwise specified, the pro-rate shall be based on a 365 day year. Rent payments are to be made in the form of cash, check, certified check or money order, subject to the limitations set out in this section and in CA Civil Code Section 1947.3. If rent payments are made personally, they shall be made to the Owner/Agent at the address listed on the front page of this Rental Agreement. Except where formal hours are posted otherwise, usual business hours will be from _____ to _____ weekdays. Weekend business hours may be posted at the Owner/Agent's discretion; otherwise, weekends and holidays will be by appointment.
2. **NONPAYMENT OF RENT NOTICES**: Timely payment of rent by the due date is of the essence and failure to pay the contract rent on or before the specified due date will subject the Resident to immediate service of a three-day notice to pay rent or quit.
3. **APPLICATION OF PAYMENTS**: All payments made by Resident to Owner after the tenancy commences, no matter how designated by Resident, may be applied by Owner as follows: first to any outstanding amounts due landlord for damages/repairs, utilities, deposits, fees, etc.; second, to any rent outstanding from prior months; third, to the current month's rent, and last, to outstanding late charges.
4. **EARLY TERMINATION OF LEASE**: If this is a lease for a set term, failure by the Resident(s) to complete the term because of a voluntary termination by Resident(s) or termination by the Landlord for a Resident breach, will expose Resident(s) to the payment of damages. If the early termination box is checked on the front of this agreement to allow Resident(s) to terminate early without uncertainty as to the amount that will be owed as a result, it is agreed that upon any failure of Resident(s) to occupy the unit for the full term, for any reason, Resident(s) will pay to Landlord, in lieu of all other damages or amounts that could be recovered, all of the following: a) all rent, unpaid fees and other non-rent charges accrued prior to the date the unit is vacated; b) all damages relating to the condition of the unit; c) if Resident has given at least 30 days notice of the early termination, an early termination fee in the amount set forth on the front of this agreement, or if none stated, equal to 1½ month's stated rent to cover Owner's potential vacancy loss and advertising and administrative costs associated with re-renting the unit and if Resident has not given at least 30 days notice of the early termination the fee will be 150% of the previously stated amount to cover the increased rental loss associated with no advance notice; and d) interest on the above amounts at the statutory rate from the date each was due. The early termination fee is due on the earlier of the date Resident(s) give notice to vacate or the date the unit is vacated. All other amounts are due at the times specified in this agreement. If the early termination box is not checked, Resident will be liable to Landlord for all actual damages resulting from the early termination, including but not limited to: repayment of concessions; all rent through the earlier of the date the unit is re-rented and the lease termination date; advertising and administrative costs to re-rent the unit; concessions given to re-rent the unit; the difference in rent if a lower rental rate is received from a replacement resident during the remaining term of the original rental agreement; and the worth at the time of award of the amount by which the unpaid rent for the balance of the term after the time of award exceeds the amount of such rental loss for the same period that the Resident proves could be reasonably avoided.
5. **TERMINATION**: A 30 day written notice to terminate will be required for a month to month tenancy. **If the tenancy is for a set term, Resident must give Landlord written notice of intent to vacate at least 30 days prior to the end of the term or the tenancy will, at the option of Landlord, convert to a month to month tenancy automatically, with all conditions, rules and regulations continuing.** Such month to month tenancy may be terminated by Resident after service upon Owner/Agent of a written 30-day Notice of Termination. Except as prohibited by law, that month to month tenancy may be terminated by the Owner/Agent by service upon the Resident of a written 60-day notice of termination of tenancy. However, Civil Code Section 1946.1 provides that "if any tenant or resident has resided in the dwelling for less than one year," the Owner/Agent may terminate the tenancy by service upon the Resident of a written 30-day notice.
6. **PETS, WATERBEDS AND MUSICAL INSTRUMENTS**: No cats, dogs or other pets capable of causing damage to persons or property are allowed without a signed Pet Agreement, and a pet fee paid by the Resident. The Resident will be responsible for any and all damage caused by their pets. Waterbeds are permissible only with proper insurance and written approval by management. Pianos and organs are not allowed without the written consent of management.
7. **OCCUPANTS**: The unit will be used only for housing persons listed on the Rental Agreement. Additional Residents must be approved by management and are subject to full screening procedures. Persons other than those specifically listed on the Rental Agreement shall be strictly prohibited from staying in the rental unit for more than 10 consecutive days, or a total of twenty days in any twelve month period. For purposes of this section, "staying in the rental unit" means presence on the premises for a substantial amount of time, whether during the day or overnight, and shall include, but not be limited to, long-term or regular house guests, live-in baby-sitters, visiting relatives, etc. Resident shall notify the Landlord in writing at the earlier of: any time the Resident expects any guest to be staying in excess of the time limits contained in this paragraph; or when such person in fact stays in excess of such time limits. Subsidized Residents shall be required to submit a report to the Landlord identifying any persons not identified on the Rental Agreement and staying in the rental unit for more than 10 consecutive days, or twenty nonconsecutive days in any twelve month period, and shall state whether such person is contributing to the income of the Resident and to what extent.
8. **SUBLETTING**: Transfer of any interest in this agreement or subletting the premises is not permitted without Owner/Agent written approval.
9. **CARE OF PREMISES**: The Resident agrees to keep all areas of the premises clean, sanitary and free from any accumulations of debris, filth, rubbish and garbage and to dispose of same in a proper manner. Residents shall take particular caution regarding the use of cigarettes and other fire hazards. Residents shall not store flammable or hazardous materials. Residents are responsible for all damages to furnishings or premises caused by their negligence. Resident shall report leaky or defective faucets at once. Expense or damage caused by stoppage of waste pipes or overflows of bathtubs, toilets or wash basins must be paid by the Resident as well as any damage to the building or furnishings other than ordinary wear and tear. The Resident shall be responsible for notifying the Owner/Agent when Resident becomes aware of an inoperable dead bolt lock or window security or locking device in the dwelling unit.
10. **USE OF AND CHANGES TO PREMISES**: All electrical, plumbing, sanitary, heating, ventilating, air conditioning and other facilities or appliances on the premises are to be used in a reasonable manner. Resident will immediately obtain, pay for and not allow to be disconnected or discontinued the utilities for which Resident is responsible. Resident will make no changes or additions to the premises or install anything on the walls, ceilings or in the windows without the prior written consent of Owner/Agent. Satellite dishes and/or antennas will be allowed only in strict compliance with Owner/Agent's Satellite Dish policy and applicable law.
11. **DAMAGE**: The Resident agrees not to destroy, damage, deface or remove any part of the premises or permit any persons to do so and to assume all liability for damages other than ordinary wear and tear.
12. **SECURITY DEPOSITS**: All refundable deposits, however designated, may be used to offset any damage, unusual wear and tear or unpaid accounts (including rent) either during the tenancy or at the time of move-out. If used during the tenancy, Resident will replenish it upon demand. If applied at move-out, any excess will be refunded within the time required by law. Any deficiency will be due from you at the time the accounting is sent to you. Any amounts not paid by you within 31 days of the due date will incur interest at 1% per month. If any overdue accounts are turned over to a collection agency, the Resident will be responsible for all collection agency fees and charges. Sending the accounting and/or refunding any deposit does not waive the owner's right to payment for charges discovered or finalized after the accounting was sent. Any security deposit received from multiple residents shall be refunded only when the last resident vacates the unit and terminates their tenancy, unless other arrangements are made with Owner/Agent in writing. Security deposits may be deposited into an interest bearing account. All interest shall accrue to the benefit of Owner/Agent pursuant to their agreement. No interest will be paid to resident on security deposits. If the "Deposits Held By Owner" box is checked on page 1 of this Rental Agreement, all deposits will be deposited by manager into a trust account as required by California law. Manager will then forward the deposits to the owner of the property, who will manage the deposits pursuant to California law.
13. **FEES**: Upon termination of the tenancy and delivery of possession, Owner/Agent shall first apply any fee to the related landlord expense as reasonably assessed against Resident, before applying Resident's security deposit, if any, to that expense. Owner may charge a fee not to exceed $25 each time Owner sends a notice to Resident as a result of Resident's non-compliance with this agreement to cover Owner/Agent's administrative expenses for issuing the notice.
14. **JOINT RESPONSIBILITY**: All Residents are jointly and severally responsible for rent, all other performance and financial obligations hereunder and any damage caused to the living unit or common area by the Resident, any Resident or Occupant of the same unit or their guests. Cost of repairs for damage must be paid within 30 days after receiving a bill unless other arrangements have been made, in writing, with management. Any valid termination notice received from any one Resident may be considered by Landlord a termination notice from all Residents. Any Residents not giving the notice who desire to remain in the premises, may be required to submit updated financial information and requalify under Owner/Agent's then current criteria.
15. **ACCESS**: The Resident agrees not to unreasonably withhold consent to the Owner/Agent to enter the unit in order to inspect the premises, make necessary or agreed repairs, decorations, alterations, or improvements or to show the unit to prospective buyers or Residents. Owner/Agent may enter the unit without consent in an emergency or at any reasonable time with 24 hours actual notice or after receipt of tenant's written request for maintenance. If the Owner/Agent is obligated to maintain the yard, the Owner/Agent, or their contractors, may enter the yard, without notice, at reasonable times and with reasonable frequency, to perform the maintenance work.
16. **ABSENT**: The Resident agrees to notify the Owner/Agent of any absence in excess of seven (7) days no later than the first day of absence.
17. **LEGAL ACTION**: In the event an action is brought by any party to enforce any term of this agreement or to recover possession of the premises, the prevailing party shall recover from the other party, in addition to costs, reasonable attorney's fees.

    ☐ If checked, the total amount the prevailing party shall recover shall not exceed $_____.
18. **LOCKS**: Doors of Residents' unit should be kept locked. Resident shall notify Owner/Agent in writing if locks fail to operate. The Owner/Agent will not be liable or responsible in any way for loss or damage to articles or property belonging to Residents. Resident shall not change the locks without Owner's prior consent. Resident shall immediately provide Owner with a key to any new locks installed.
19. **RENTER'S INSURANCE**: If renter's insurance is required on the front of this Agreement, Resident will obtain and maintain insurance with a minimum of $100,000 of liability coverage. Resident will supply Owner/Agent with evidence of such insurance prior to occupying the unit and thereafter upon request. Failure to maintain such insurance in full force will be considered a material non-compliance w
    If insurance is not required by this Agreement, Resid
    renter's insurance to cover Resident's liability to Owner/Agent, as well as damage or destruction of Resident's property. Whether or not renter's insurance is required, Resident is not a co-insured under, and has no rights to, Owner/Agent's insurance policies. Except to the extent required by law, Owner/Agent is not responsible for, and its insurance does not cover damage or destruction to, Resident's property. Except to the extent prohibited by law, Resident, on behalf of himself and Resident's insurers, hereby waives any right to subrogation against Owner/Agent or their agents, employees or insurers with respect to any loss or damage relating to Resident's property to the extent such loss or damage is covered by Resident's renter's insurance. Owner/Agent does not waive any subrogation rights its insurers may have.
20. **CONDUCT**: The premises are to be used only as a dwelling. All Residents are responsible for their own conduct, that of the other Residents in the unit and their guests. Noisy conduct that disturbs the quiet enjoyment of any other Resident or drunk or disorderly conduct will not be permitted at any time. Between 10:00 p.m. and 7:00 a.m. no noise may be emitted from the unit that can be heard outside the unit. This includes stereos, radios, televisions, etc. Residents will not be permitted to play in halls, stairways or entrance of buildings, gardens or landscape areas except where specifically permitted by management. The use, possession, manufacture, or distribution of illegal substances either on or in the vicinity of the Premises is strictly prohibited. Resident may not allow any person to: a) be on the premises who has been excluded from the common areas by Owner/Agent; or b) stay in their unit, as defined in section 7 above, who has had their rental agreement terminated by Owner/Agent. Any action by Resident, any occupant of Resident's unit, or any guest of Resident that interferes with the management of the premises, shall be considered a material noncompliance with this rental agreement.
21. **MALFUNCTIONS**: The Resident will immediately report in writing all malfunctions of equipment, failures of essential services, or needs for repair. The Resident shall not tamper with the heating system, appliances, locks, doors, light fixtures, or smoke alarms or make any alterations of any nature on or to the premises without the specific written consent of management.
22. **RESIDENT LOSSES**: The Owner/Agent shall not be liable for damages of any kind caused by the lack of heat, refrigeration or other services to the premises arising out of any accident, act of God, or occurrence beyond the control of the Owner/Agent. The Resident shall be limited to the rights and remedies specified under California law.
23. **CO-SIGNER**: If the obligations under this agreement are guaranteed by a co-signer, Resident agrees that Owner/Agent would not have rented without the guaranty. In the event the guaranty is terminated or becomes unenforceable for any reason, this will be considered a material non-compliance with this agreement.
24. **COMMUNITY RULES**: Unless Owner/Agent has custom rules and regulations for the property, the rules and regulations contained in MMHA form M132 CA (Community Rules & Regulations) apply and are incorporated by reference herein.
25. **NOTICES**: All notices required under the Rental Agreement or State law to be in writing shall be served personally, by first class mail or by first class mail and attachment. If served by first class mail and attachment, a notice from the Owner/Agent to the Resident shall be deemed served on the day and at the time it is both mailed by first class mail to the Resident at the premises and attached in a secure manner to the main entrance of that portion of the premises of which the Resident has possession. If served by first class mail and attachment, a notice from the Resident to the Owner/Agent shall be deemed served on the day it is both mailed by first class mail to the Owner/Agent at the address set forth on this Agreement and attached in a secure manner to the main entrance of the complex office, if one exists, and if not, to the Owner/Agent's location identified on the front of this Agreement. If the main entrance to the complex office is located inside a building, the notice should be attached to the main entrance of such building. Owner/Agent is authorized to accept notices on behalf of the owner of the premises. Personal service may be effected for the purpose of service of process and for the purpose of receiving and receipting of all notices and demands at the telephone number, and street address of the Owner/Agent listed on the front page of this Rental Agreement.
26. **PARKING**: Unless Owner/Agent has custom parking rules for the property, all off street parking is governed by the rules and regulations contained in MMHA form M158 CA (Parking/Carport Agreement) which Resident acknowledges receiving and is incorporated by reference herein.
27. **CONTROL OF COMMON AREAS**: Owner/Agent and any person designated by Owner/Agent retains control over any common areas of the Premises for the purposes of enforcing state trespass laws.
28. **REQUESTS FOR REASONABLE ACCOMMODATION/MODIFICATION**: As required under federal, state, and local fair housing laws, Residents with disabilities may request reasonable accommodations/modifications related to their housing. All requests must be made to the Owner/Agent specifying the nature of the requested accommodation/modification. It is recommended, but not required, that such request be made in writing.
29. **TERMINATION FOR FALSE INFORMATION OR CRIMINAL CONVICTION**: If any information supplied in conjunction with application for this rental unit is later found to be false, or if any occupant is convicted of a crime during the tenancy that would constitute grounds for denial of tenancy under Owner's then current rental criteria, this is grounds for termination of tenancy.
30. **MEGAN'S LAW NOTICE**: Pursuant to Section 290.46 of the Penal Code, information about specified registered sex offenders is made available to the public via an Internet Web site maintained by the Department of Justice at www.meganslaw.ca.gov. Depending on an offender's criminal history, this information will include either the address at which the offender resides or the community of residence and ZIP Code in which he or she resides.
31. **COMPLETE AGREEMENT**: This Rental Agreement, any rules and regulations for the premises, and any other written addenda executed by the parties on or after the date of this Agreement contain the entire understanding of the parties. There are no prior oral or written agreements unless they are referenced herein. If this is a renewal of an existing Rental Agreement, all written addenda executed on or after the date of the original Rental Agreement that are consistent herewith are incorporated herein. If any clause or part of a clause of this Rental Agreement is found to be unenforceable by a court or other body with proper authority then that clause or part of the clause will be deleted and the rest of this Rental Agreement shall remain in full force and effect.

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☐ ON SITE ☐ RESIDENT ☐ MAIN OFFICE (IF REQUIRED)

INITIAL HERE _____

ADDENDUM TO RENTAL AGREEMENT

CAMBRIDGE
real estate services

Property Name Glenbrook Apartments Unit # _____

Resident Name(s) _____

Authorized Agent: The name of the person authorized to manage the property and act on behalf of the owner for the purpose of service of process and for the purpose of receiving and receipting for notices and demands is Cambridge Real Estate Services.

Rules and Regulations: The resident understands and agrees to abide by all of the terms and conditions listed on the Rental Agreement and all separate rules and regulations which are incorporated as part of this Agreement.

Early Termination Exception: The lease buy-out option does not exist during the initial lease term of a property operated under Section 42 of the IRS Code.

Unenforceable Provisions: The resident agrees that, if at some future date, a portion of this agreement should be judged unenforceable by a court of law, all other portions will remain in force.

Security Deposits: If the security deposit increases due to a change in the number of residents, the amount of the increase will be the responsibility of the remaining resident(s).

Delivery of Possession: Landlord shall not be liable to resident for failure to deliver possession at the beginning of the term if such failure is due to circumstances beyond the Landlord's reasonable control, including the prior tenant's failure to vacate.

Partial Payments: Partial rent payments will not be accepted.

Late Charges: A late charge totaling $50.00 will be charged if rent is paid after 5 p.m. on the 4th of the month. Exception: If the 5th of the month falls on a Sunday or a holiday, the late fee will be assessed on the next business day.

Babysitting: Except where otherwise allowed by local ordinance or housing program (i.e. Section 42 housing), operation of a commercial day care facility within an apartment must be disclosed to and approved by management.

Winterizing: The Resident shall comply with all reasonable requests made by the Landlord regarding the care of their apartment, including but not limited to directions regarding protecting the property against damage due to freezing temperatures; proper use of fixtures and appliances; and generally accepted housekeeping standards including but without limitation to cleaning supplies, techniques and frequency.

Barbecues: Barbecues: as of December 1st, 2022, no barbecue of any type may be stored or used on the Premises. This includes, but is not limited to, a resident's porch, balcony, common areas, and parking lots.

Lockouts: As a company wide policy, we do not handle lockouts for residents. If a resident is locked out, they can obtain a key during business hours or, if after hours, must call a locksmith.

Transfers: A transfer fee may be required for any resident wishing to transfer apartments. In cases where the property is operated with Section 42 of the IRS Code, transfer requests may be denied.

Gardens: The resident must not cultivate any garden area or disturb any landscape without written management permission, except in designated areas.

Accessible Unit: If accessible unit is occupied by a tenant not needing the specially designed features of the unit:

- If I am occupying a specially designed accessible unit for disabled persons, and if I do not need such accessible features, I acknowledge that priority for such accessible unit is given to those disabled persons needing the special design features of this unit. I agree that I will be required to vacate the unit within 30 days of notification from landlord that an eligible individual requires the special design features of this unit. I further agree to move at my own expense (unless otherwise agreed by landlord in writing) within 30 calendar days of such written notice. I further understand that, if I move to an appropriate unit within the project, my rental rate will change to the rental rate for the unit I move to and this lease will be modified accordingly.

Resident further agrees to:

- Keep the apartment clean at all times, free of dirt and debris, especially those that can harbor mold, mildew spores or fungal growth
- Clean bathroom, kitchen surfaces and walls with projects which reduce or inhibit growth of mold, mildew or other fungi
- Keep the humidity below 40% in the apartment
- Report to the landlord when any exhaust fan does not operate
- Open multiple windows (weather permitting) at least twice a week for a minimum of one hour to allow cross ventilation of the apartment
- Notify the landlord of any mold grown on any surfaces inside the apartment, such as dark stains or patterns migrating through the walls or ceilings, and not attempt to disturb or remove any identified mold growth in the apartment unit without consulting the property manager
- Immediately report the discovery of the presence or indications of vermin such as accumulations of debris or feces. The resident agrees not to attempt to disturb or remove vermin in the apartment unit without consulting the property manager.

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- Allow the landlord to enter the apartment to inspect and make necessary repairs
- Not modify or adjust any utility or mechanical systems in the apartment without prior written approval from the property manager. Apartment unit modifications and adjustments include, but are not limited to: sealing, closing or otherwise restricting the flow of ventilation or plumbing systems (including the installation/use of bidets); adding, removing or diverting any ventilation duct or plumbing lines; drilling, nailing, or otherwise penetrating walls, floors, or ceilings to a depth of more than one inch (i.e. where the penetration might contact plumbing or electrical lines or result in a loss of integrity)

If Pets Allowed at This Property:

- Unless otherwise granted by management in writing, there shall be a combined limit of two pets, aquariums or cages per apartment. The maximum aquarium size shall not exceed 50 gallons and the maximum cage size shall not exceed 30 cubic feet. Maximum occupancy for each aquarium or cage shall be subject to approval by a qualified veterinarian.
- Pets will not be allowed out of the unit except when being carried by Resident or when on a leash under Resident's control.
- Pets will be kept clean and free of pests. Pest treatments required due to pet owner negligence will be billed to the resident. The pet will not be allowed to use any part of the property for depositing waste. Failure to clean up pet waste will result in a $50 fee ($5 at HUD properties) per offense. Should this occur accidentally, the pet waste will immediately be picked up, sealed in a plastic bag and thrown away. Any pet waste that is accumulated in a tray outside the apartment home will be disposed of promptly and properly.
- Pets shall not be kept, bred or used for any commercial purpose.
- Puppy pads, or other pet training pads used specifically for collecting waste are specifically prohibited as they do not meet standards for housekeeping and can lead to floor damage.
- Payment arrangements for the required security deposit may be made by satisfying an initial pet deposit of $50 and then paying $10 monthly until paid in full (HUD Elderly Properties Only).
- See further information on the Pet Agreement.

Service Animals: The service animal(s) will be kept clean and free of pests. See further information on the Assistance/Companion Animal Agreement. Service animals will not be allowed out of the unit except when being carried by Resident or when on a leash under Resident's control.

Gang Activity: Tenant agrees that tenant, any family member residing on the Premises or any guest or invitee shall not be a participant of gang activity or criminal activity on the Premises during the term of this Agreement. The term "gang" refers to a group, or a member of a group, of people who are involved in illegal activity or anti-social behavior. "Gang activity" includes but is not limited to:

- Wearing clothing, jewelry, or tattoos unique to gang affiliations (color alone is not sufficient to establish gang affiliation)
- Grouping to show gang affiliation or to intimidate rival gangs or tenants, or
- Claiming gang membership

Criteria for Exclusion of Non-Residents from the Premises: Any non-resident will be barred from returning to the Premises if that person:

- Makes unreasonable noise
- Engages in fighting or in violent or threatening behavior
- Substantially interferes with any right, comfort or convenience of any resident of the Premises or employee of the Landlord
- Engages in activity which constitutes a criminal offense
- Engages in any activity involving firearms, illegal drugs or violence
- Damages, defaces or destroys any property belonging to Landlord, any resident or any Landlord's employees
- Litters on the Premises
- Drives in a careless or reckless manner
- Consumes or possesses an open container of any alcoholic beverage on the common areas of the Premises
- Engages in Gang activity (defined above in Gang Activity section)
- Violates curfew ordinance for the City where Premises is located

Notice: Pursuant to Section 290.46 of the Penal Code, information about specified registered sex offenders is made available to the public via an internet website maintained by the Department of Justice at http://www.megan'slaw.ca.gov. Depending on an offender's criminal history, this information will include either the address at which the offender resides or the community of residence and zip code in which he or she resides.

RESIDENT	DATE	RESIDENT	DATE
RESIDENT	DATE	RESIDENT	DATE
RESIDENT	DATE	RESIDENT	DATE
		OWNER/AGENT	DATE

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California Department of Housing and Community Development
ASSET MANAGEMENT & COMPLIANCE (AMC) MULTI-FAMILY RENTAL LEASE ADDENDUM

Instructions: *1. Complete the shaded areas in the form, below*
2. Have Lessor/Agent sign this Addendum and have the Tenant(s) sign this Addendum.
3. Provide fully signed copy to Tenant, and have Tenant (or Head of Household) initial indicating receipt.
NOTE: Inform Tenant that Tenant may also receive this Addendum in Spanish if requested.

This Lease Addendum (Addendum) is intended to amend the Lease/Rental Agreement (Lease), dated _____, between _____ (Lessee/Tenant) and _____ (Lessor/Landlord) for the lease of Unit Number _____ of Glenbrook Apartments (Project) located at _____ (Address), _____ (City), California (the Leased Premises).

As a condition of financial assistance provided for the above-named multifamily rental housing development (Project) by the Department of Housing and Community Development (the Department), the owner of the Project has entered into a Regulatory Agreement recorded _____ as instrument number/in book and page _____ in the Official Records of the County of _____, which establishes the terms, conditions and procedures related to the Project . The above noted leased unit is deemed to be an "Assisted Unit" as the term is defined in the Regulatory Agreement, and as such is subject to Project requirements.

The terms of this Addendum take precedence over every other provision in the lease itself and over any other lease addendum or attachment except as noted herein.

(1) "Good cause", as defined by the Uniform Multifamily Regulations (the UMR), shall be required for termination of tenancy. Pursuant to *UMR Section 8307(a)(1):* One or more of the following constitutes "good cause":

(A) failure by the Tenant to maintain applicable eligibility requirements under the Program ("Program" means the Department funding program or programs providing assistance to the Project) or other eligibility requirements as approved by the Department;

(B) material noncompliance by the Tenant with the Lease, including one or more substantial violations of the Lease or habitual minor violations of the Lease which:

(i) adversely affect the health and safety of any person or the right of any tenant to the quiet enjoyment of the Leased Premises and related Project facilities;

(ii) substantially interfere with the management, maintenance, or operation of the Project; or

(iii) result from the failure or refusal to pay, in a timely fashion, Rent, as defined in the Regulatory Agreement or UMR, or other permitted charges when due. Failure or refusal to pay in a timely fashion is a minor violation if payment is made during the 3-day notice period;

(C) material failure by the Tenant to carry out obligations under state or local law;

(D) subletting by the Tenant of all or any portion of the Assisted Unit;

(E) any other action or conduct of the Tenant constituting significant problems which can be reasonably resolved only by eviction of the Tenant, provided that the Landlord has previously notified the Tenant that the conduct or action in question would be considered cause for eviction. Examples of action or conduct in this category include the refusal of a Tenant, after written notice, to accept reasonable rules or any reasonable changes in the Lease or the refusal to recertify income or household size; or

(F) for Transitional Housing: the end of the maximum term prescribed for tenant occupancy by the Program operated in a particular Transitional Housing development.

(2) Any notice provided to the Tenant pursuant to state law shall state the facts constituting the grounds for any eviction. *See UMR Section 8307(a)(2).*

(3) The Tenant is hereby notified of the availability of grievance procedures for hearing tenant complaints and for appeal of management action; such procedures are provided within the Lease, or attached hereto, or available upon request from the management company. *See UMR Section 8307(b).*

(4) The Tenant household is annually required to recertify household income and size. *See UMR Sections 8306(a) and 8307(a)(4).*

(A) If, at the time of recertification, in MHP and LPR funded projects, the Tenant's household size has changed and no longer meets the occupancy standards of the Program, the Landlord may require the Tenant to move to the next available appropriately sized unit. *See UMR Section 8306(b).* For VHHP and AHSC funded projects, the Landlord may follow the CA Tax Credit Allocation Committee ("CTCAC") rules and procedures.

(B) If, at the time of recertification, the Tenant's household income exceeds the income limit designated for the household's unit, the Landlord may increase the Rent, in MHP funded projects, to the extent a Rent increase for the household is permitted by statues and regulations governing the low income housing tax credit program, i.e. CTCAC, pursuant to the Department's regulations governing the procedure for adjusting Rents for over-income households. *See MHP Regulations Section 7311.* For VHHP, and AHSC funded projects, the Landlord may increase the Rent using CTCAC rules and procedures. For LPR projects, the Landlord may increase the Rent in accordance with Section 108(a) of the LPR Guidelines or, for Special Rent Increase tenants, in accordance with Section 108(c)(1)(A)(v), as permitted, in either case, by CTCAC rules and procedures.

(5) Initial term of tenancy for all Department-regulated units and all tax credit units shall be a minimum of at least six months, except that units for single room occupancy or transitional housing shall have a minimum initial term of at least one month. Subsequent Lease renewals for all types of tenancy shall be for a minimum term of at least one month.

(6) Rents may be adjusted no more than once annually, and such adjustment shall be calculated in accordance with HCD Program requirements, or if so approved by HCD, using CTCAC rules and procedures. *MHP Regulations Section 7312(c).*

California Department of Housing and Community Development
ASSET MANAGEMENT & COMPLIANCE (AMC) MULTI-FAMILY RENTAL LEASE ADDENDUM

(7) For units receiving HUD Section 8 or other similar Federal rental assistance, the rules of such program regarding Rent increases shall prevail, even if Tenant contribution amounts occur more often than annually. *See MHP Regulations Section 7312(e).*

(8) Any provisions in this Lease in violation of State law, Department Regulations or Guidelines, the Regulatory Agreement, or Federal law, are void.

☉ Landlord, or;

○ Property Management Company:

By: _____ **(Manager)** _____ **(Date)**

Tenant(s) (Name and initials upon receipt of copy):

			Tenants are to initial below after receiving a copy of the signed document.	
Tenant Name	Tenant Signature	Date	Initials	Date
Tenant Name	Tenant Signature	Date	Initials	Date
Tenant Name	Tenant Signature	Date	Initials	Date
Tenant Name	Tenant Signature	Date	Initials	Date
Tenant Name	Tenant Signature	Date	Initials	Date
Tenant Name	Tenant Signature	Date	Initials	Date

EXHIBIT "AA"

(provided separately by appellant, added by City Staff)

MULTIFAMILY NW
The Association Promoting Quality Rental Housing

CALIFORNIA PARKING/CARPORT AGREEMENT

CAMBRIDGE
real estate services

DATE _____ PROPERTY NAME / NUMBER Cedar Park Apartments CA210

RESIDENT NAME(S) _____ _____ _____

_____ _____ _____

UNIT NUMBER _____ STREET ADDRESS _____

CITY _____ STATE _____ ZIP _____

Check all that apply:

- ☐ No resident parking spaces are assigned. All parking is on a first come basis.
- ☐ All residents must display a parking tag, sticker or other device supplied by Owner/Agent.
- ☐ Resident parking spaces are assigned. Resident has been assigned the following parking space/carport number(s): _____ (Space(s) may be reassigned per Rule "n" on page 2).
  - ☐ The monthly fee for the assigned parking space(s) is $ _____ and is due and payable on the first day of each month.
  - ☐ The right to use the assigned parking space(s) is included in your monthly rent payment.
- ☐ Guest parking is not allowed on the property.
- ☐ Guest parking is allowed on the property only as follows:
  - ☐ In spaces marked as "Guest"
  - ☐ In any unassigned parking space
  - ☐ Only those vehicles authorized by Owner/Agent with prior consent (guest tag provided)
  - ☐ Other _____

ACCOUNTING

TOTAL DUE AT START OF RENTAL

$ _____ TO COVER RENT

FROM _____

THRU _____

LATE FEE:

$_____

RETURNED CHECK CHARGE:

$ 25.00

DATE RENTAL TERM BEGINNING:

_____

Resident's Authorized Vehicles:

1. Make: _____ Model: _____ State: _____ License Plate No. _____
2. Make: _____ Model: _____ State: _____ License Plate No. _____
3. Make: _____ Model: _____ State: _____ License Plate No. _____
4. Make: _____ Model: _____ State: _____ License Plate No. _____
5. Make: _____ Model: _____ State: _____ License Plate No. _____

Vehicles may not be substituted or changed by Residents without written notice from Resident and written consent from Owner/Agent.

Parking Tags/Stickers/Identification (if applicable): Parking identification for Resident vehicle(s) (i.e. tags, stickers or other devices) is in the form of: _____. Resident acknowledges that parking identification has been provided by Owner/Agent. To be issued parking identification, Resident must present copy of proof of ownership and current vehicle registration. The parking identification is the property of the Owner/Agent, is not transferable, and must be returned to Owner/Agent at the end of Resident's tenancy. The fee for replacing lost or stolen parking identification is $_____. This identification shall be clearly and visibly displayed in the vehicle in the following manner: _____. Whether guest parking is allowed and, if allowed, the method for identifying guest parking spaces or identifying authorized guest vehicles is described above.

RESIDENT UNDERSTANDS THAT OWNER/AGENT MAY HAVE A VEHICLE REMOVED FROM THE PREMISES WITHOUT NOTICE FOR FAILING TO DISPLAY THE PARKING TAG, STICKER OR OTHER DEVICE.

This agreement shall be in effect for the duration of Resident's occupancy and terminates upon termination of the Resident's tenancy. Owner/Agent reserves the right to limit the type, size and number of vehicles per unit.

☐ The person renting the parking space/carport is not a residential tenant of the premises. This agreement runs month to month and may be terminated with at least 10 days notice.

Violation of this agreement, California law, and any other posted rules regarding guest parking could result in vehicles being towed or immobilized and owners of vehicles being subject to violations and fines. Parking lots will be patrolled for the purpose of removing unauthorized vehicles by the following tow company:

Name _____ Phone Number _____

Address _____

[If this information is left blank, name and contact information for tow company is posted on prominent signs on the property.]

See Rules & Regulations on Page 2

X _____ RESIDENT DATE

X _____ OWNER/AGENT DATE

X _____ RESIDENT DATE

X _____ RESIDENT DATE

X _____ RESIDENT DATE

☐ ON SITE ☐ RESIDENT ☐ MAIN OFFICE (IF REQUIRED)

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Rules and Regulations:

a. Parking spaces are to be used only for parking vehicles. No storage of any kind is allowed in a parking space.

b. If a household has more vehicles than assigned spaces, the additional vehicles, if authorized, must be parked in "unassigned" parking areas. Any Resident vehicles not listed on page 1 must be parked off-site.

c. Owner/Agent does not guarantee the use of a parking space. Unassigned parking spaces will be made available on a first-come, first served basis.

d. Residents with parking identification must park in their assigned parking space(s) or in areas marked for resident parking.

e. Guest parking is for non-residents only. Resident's vehicles parked in guest parking will be subject to towing.

f. Motorcycles and mopeds must be parked in a parking space and registered as stated above.

g. Resident and guests are not allowed to park boats, commercial vehicles, trucks of one-ton and above, trailers and/or recreational vehicles without the express written approval of management, which is subject to space availability and restrictions.

h. The speed limit in the parking area and driveways is 5 M.P.H.

i. Neither the Owner nor the Agent accepts responsibility for the damage or theft of any of Resident's or Resident's guest's vehicles, or contents, or for injuries involving any vehicle in the parking lot. Owner/Agent shall not be responsible for personal property lost in or stolen from parking areas. Use of the parking areas shall be at the sole risk of Resident and their guests. Residents and Resident's guests should remove valuables and lock the doors of vehicles.

j. Resident assumes all responsibility, indemnifies and holds Owner/Agent harmless for any damages or claims that may be caused by or arises out of Resident's (or Resident's guest(s)) use of parking areas.

k. Residents must obey all California Motor Vehicle laws, traffic laws and posted signs. Residents may not park in handicapped parking areas (unless they have a valid handicapped permit), red fire lanes, visitor spots, on lawns or other common areas not designated for parking, or blocking entrances, thoroughfares, walkways and/or dumpsters.

l. No toxic, hazardous or flammable materials may be stored by Resident at any time in any vehicle or parking space.

m. Resident(s) agrees to pay for any damages caused to the parking areas by the Resident(s) or their guests.

n. Either party of this agreement may give a thirty (30) day notice to vacate a parking space which is assigned in this agreement. Spaces are assigned on a month to month basis only. Owner/Agent reserves the right to change the location of Resident's assigned parking space(s) with 30 days written notice.

o. Resident(s) agree to keep their vehicle street legal, in good working order, licensed and insured, and must be in good repair which will be determined at the discretion of management. Vehicles leaking oil or other fluids must be repaired or removed immediately or this parking agreement may be terminated by landlord. Washing of vehicles on the property is prohibited unless a specific washing area is designated. No vehicle repair work is allowed on the property.

p. Any violation of this Parking Agreement is a material noncompliance with the Rental Agreement. Failure to have proper and current registration of vehicles or parking of an unregistered vehicle on the property is a lease violation and a violation of this agreement.

q. Owner/Agent shall have the right to temporarily close the parking areas or certain areas therein in order to perform necessary repairs, maintenance and improvements to the parking areas.

r. The parking lots of the complex present substantial dangers because of the movement of motor vehicles. To ensure the safety of all residents, no one shall play in the parking areas.

Towing:

a) Owner/Agent may tow vehicles without notice to the owner or operator of the vehicle if the vehicle:

i) blocks or prevents access by emergency vehicles;

ii) blocks or prevents entry to the premises;

iii) violates a prominently posted parking prohibition;

iv) blocks or is unlawfully parked in a space reserved for persons with disabilities;

v) is parked in an area not intended for motor vehicles, including, but not limited to, sidewalks, lawns, and landscaping;

vi) is parked in a space reserved for tenants and does not display a parking tag, sticker, identification or other device if required on page 1; or

vii) is parked in an assigned space and Owner/Agent has permission from the Resident to whom it has been assigned to tow the vehicle.

b) Owner/Agent may tow inoperable vehicles that are otherwise parked in compliance with this agreement after affixing a prominent 72 hour notice to the vehicle stating that the vehicle will be towed if it is not removed or otherwise brought into compliance with this agreement.

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EXHIBIT “E”

CAMBRIDGE
real estate services

Fall / Winter Announcement

Dear Residents:

On an annual basis, Cambridge Real Estate Services publishes this reminder regarding snow removal and snow management policies.

As you are aware, the Truckee / Tahoe region experiences significant snowfall during most winters. Cambridge site management offices have on-going communication with the Town of Truckee Road maintenance department. We offer the following input regarding Town standards for the most challenging periods of winter weather.

- The Town of Truckee has an established response goal of 24 hours when snowfall reaches 24 inches; if snowfall is less than 12 inches in depth, response times are generally within 12 hours.
- The Town of Truckee coordinates emergency snow removal with the department of emergency services. Therefore, a near-immediate response for snow removal is often issued by local police, fire or medical services personnel if they are responding to an emergency during inclement weather.
- An established Town ordinance prohibits parking within the Town Right of Way along any public street. The Town has authority to ticket and/or tow any vehicle parked within the Right of Way. For purposes of Truckee Pines and Truckee Donner, the Right of Way is anywhere along any paved or shoulder areas of Estates Drive and Riverview Drive. For Henness Flats and Frishman Hollow, please avoid parking in any location other than a designated property parking lot; specifically, do not park along the public street called Rue Ivy Way which leads to Frishman Hollow.
- The Town of Truckee has an established response goal which calls for substantially clear public streets within seven calendar days after the end of a significant storm.

With this letter we wish to advise all residents that our intentions regarding the clearing of snow at communities managed by our company will closely mirror these Town of Truckee standards.

During periods of heavy snowfall, As temperatures stay near the freezing level, the accumulation of snow in native areas will generally remain untouched. We elect to leave courtyards, wetlands and other non-essential areas of the property without snow management so that we can focus on other areas that are more commonly used by pedestrians and motor vehicles.

We thank in advance the vendors and employees who will be actively involved in snow removal and snow management activities during the coming weeks. These individuals often work long hours, under very challenging circumstances. They do so in order that we can maintain communities in a condition that causes them to be as accessible as possible. We appreciate their efforts.

Residents should be advised of our goals for the coming days. Specifically:

Please be advised:

- Every effort shall be made to preserve access to each and every apartment on an uninterrupted basis. Apartments with multiple pathways for access may find that access is limited to just one pathway during peak snowfall periods.
- Driveways and parking areas will be plowed as frequently as a contract service provider is able. We anticipate plowing will occur on an on-going basis.
- Residents are asked to cooperate with snow removal efforts by avoiding the creation of any obstacles which would limit progress. Specifically, bicycles, toys and other personal property should not be left on walkways. Automobiles should be parked only in designated parking areas. We ask that residents not obscure or otherwise tamper with snow poles as these are important in defining the areas to be cleared.
- For those of you who choose to clear snow on your own from your immediate and exclusive living area (such as patios, porches and so forth), we ask that you please shovel towards the buildings, so the driveway remains as clear as possible. This will allow for vehicles to get through easier until the snowplow is able to come through.
- To avoid damage to vehicles, snowplow operators are obligated to maintain a safe clearance between the drive aisles they clear and the vehicles parked in close proximity. If you find that the space between your vehicle and a cleared driveway is more than 24″, or if you find that driveway clearing resulted in excessive snow being shifted toward your vehicle, please contact the management office so we can respond as promptly as possible and assist.

From time-to-time management will also contract with seasonal employees to assist in snow management. These supplemental resources will provide us an opportunity to responded to even the largest storms of any given season.

Finally, in the event that temperatures drop well below freezing, we call your attention to the enclosed "Cold Weather Alert" notices. Your cooperation in helping us avoid the inconvenience and cost of frozen water lines is very much appreciated.

In advance, we thank you for your continued residency. We wish you a safe winter season and remind you that our best efforts are still at times tested by the whims of Mother Nature.

Sincerely,

Janeen Kallus
Cambridge Real Estate Services

EXHIBIT “F”

CALIFORNIA TAX CREDIT ALLOCATION COMMITTEE

901 P Street, Suite 213A
Sacramento, CA 95814
p (916) 654-6340
f (916) 654-6033
www.treasurer.ca.gov/ctcac

MEMBERS

FIONA MA, CPA, CHAIR
State Treasurer

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State Controller

JOE STEPHENSHAW
Director of Finance

GUSTAVO VELASQUEZ
Director of HCD

TIENA JOHNSON HALL
Executive Director of CalHFA

EXECUTIVE DIRECTOR
MARINA WIANT

DATE: April 25, 2024

TO: Low Income Housing Tax Credit Project Owners and Applicants

FROM: California Tax Credit Allocation Committee (CTCAC)

RE: 2024 Income Limits and Maximum Rents

On April 1, 2024, the U.S. Department of Housing and Urban Development (HUD) published the 2024 Income Limits applicable to low-income housing funded with Low Income Housing Tax Credits (LIHTC) and projects financed with tax-exempt housing bonds. CTCAC utilizes the information published by HUD to calculate maximum rents and income limits for California LIHTC projects. The 2024 limits go into effect on April 1, 2024. Projects that Place-In-Service (PIS) on or after April 1, 2024 have a 45 day grace period in which they may choose to use either the current 2024 Income and Rent Limits or the prior 2023 Income and Rent Limits for lease up and determining the gross rent floor election (GRFE) for the property. All properties that PIS on or after May 16, 2024, must use the 2024 Income and Rent limits.

The Housing and Economic Recovery Act (HERA) of 2008 made statutory changes to how income limits were calculated for projects. Prior to the HERA Legislation, income and rent limits were determined by HUD on an annual basis and were based on the Area Median Gross Income (AMGI) of the county the project was located in. Additionally, if HUD determined there was a decrease in the AMGI, the limits were "held harmless" at the level of the prior year. The HERA legislation changed the "hold harmless" determination of AMGI from an annual county level to a project level, based on the year the project placed in service (HERA Hold Harmless). Additionally, it gave an adjusted increase in the income limits (HERA Special) to projects in counties for which the AMGI had been determined to be held harmless in 2007 and 2008 (Impacted Properties). Please see IRS LIHC Newsletter #35 for more information about what constitutes "determined" and projects that were placed in service before or after the HUD income limit effective dates at the following link:

http://treasurer.ca.gov/ctcac/rentincome/09/irs_lowincome.pdf

In California, there were initially seven designated HERA Special counties:

Marin
Nevada
San Francisco
San Mateo
Santa Clara

Solano
Ventura

In 2010, HUD announced that they were creating the Multifamily Tax Subsidy Program (MTSP) Limits for all LIHTC properties going forward, separating them from the Section 8 limits, and eliminating the previous hold harmless policy. At that time, HUD also established a maximum and minimum amount that the AMI can change from year to year. The income limits issued for the Section 8 and MTSP programs will not increase more than 5% or twice the change in the national non-metro AMGI (whichever is greater), nor will the limits decrease more than 5%. With the change in policy, HERA Hold Harmless provisions apply to all projects that were placed in service on or after January 1, 2009, and all future projects. The elimination of the HUD hold harmless policy created separate income and rent tables, adjusted annually, based on the projects PIS date (Non-Impacted).

Impacted and Non-Impacted MTSP projects:

- **Impacted Project –** An Impacted Project is any project which had area median gross income determined in 2007 or 2008 under the HUD Hold Harmless policy, for which HUD has published a HERA Special limit and meets the following requirements:
  1. Any single building project that Placed in Service on or before 12/31/2008.
  2. Any multi-building project that had at least one building Place in Service on or before 12/31/2008.
  3. Any acquisition/rehab project that has the date of acquisition on or before 12/31/2008.
  4. Any rehab only project that had at least one building Place in Service on or before 12/31/2008.

- **Non-Impacted –** Non-Impacted MTSPs are projects that were not subject to the HUD Hold Harmless policy in 2007 or 2008, placed in service on or after January 1, 2009, or may not be affected by HERA Special Limits at this time. All non-impacted properties are still under the provisions of HERA Hold Harmless once they have placed in service and are subject to the 45-day implementation grace period.
  - For existing non-Impacted projects where the placed in-service date is 1/1/2009 – 5/1/2024, you would use the greater of the previous year (2023) or the current (2024) income and rent limits.
    - The Rent Limit is the greater of the current year (2024) **or** the gross rent floor election. CTCAC will determine the gross rent floor election to be at carryover allocation for 9% tax credit projects or at preliminary reservation for 4% bond projects unless written notification is made by the owner to CTCAC specifying the gross rent floor election is to be at placed in service.

Changes to the Income Limits for *Multifamily Tax Subsidy Projects* MTSPs under HERA and subsequent legislation:

On March 23, 2018, the omnibus appropriations bill was signed into law, which included a change to Section 42 of the Internal Revenue Code allowing "Average Income Test," under which a project may include units targeted up to 80% of area median income (AMI) as long as the project's average targeting does not exceed 60% AMI. In 2018, CTCAC implemented regulation changes that allowed certain projects that would PIS in or after 2018, to change to the Average Income Test set-aside. The 2018 and all future Income and Rent limits reflect the averages from 20% up to 80%.

2024 Income and Rent Limits:

One county in California saw a decrease in the AMGI for 2024, all other counties increased or remained the same. The county with a decrease is:

Calaveras

In 2024, CTCAC combined tables with duplicative information and the resulting four (4) income limit tables and four (4) rent limit tables are posted on the CTCAC website.

2024 Income Limits for Projects Placed in Service on or before 12/31/2008 *(including HERA Special Projects)*
2024 Income Limits for Projects Placed in Service from 1/1/2009 – 5/14/2023
2024 Income Limits for Projects Placed in Service from 5/15/2023 – 3/31/2024
2024 Income Limits for Projects Placing in Service on or after 5/1/2024+

2024 Rent Limits for Projects Placed in Service on or before 12/31/2008 (post 1989)
2024 Rent Limits for Projects Placed in Service from 1/1/2009 – 5/14/2023
2024 Rent Limits for Projects Placed in Service from 5/15/2023 – 3/31/2024
2024 Rent Limits for Projects Placing in Service on or after 4/1/2024+

Note: for projects pre-1990 that use a per person based rent limit, please contact Compliance Section Chiefs Mayra Lozano at mayra.lozano@treasurer.ca.gov or Elizabeth Gutierrez-Ramos at elizabeth.gutierrez@treasurer.ca.gov to receive a copy of the 2024 rent limits.

All income limit tables reflect the current limits as determined by the HERA Special, HERA Hold Harmless, and MTSP guidance for 2009-2024.

Please note this memo provides summary information of published HUD guidance. **Please review the entire *Federal Register* notice [Docket No. FR-5323-N-03), dated May 17, 2010, prior to determining which income limits and maximum rents are applicable to your project(s).**

If you have any questions on the 2024 Rent & Income limit guidance, please contact Compliance Section Chiefs, Mayra Lozano at mayra.lozano@treasurer.ca.gov or Elizabeth Gutierrez-Ramos at elizabeth.gutierrez@treasurer.ca.gov or by calling (916) 654-6340.

Per HUD Notice
Effective: April 1, 2024

CALIFORNIA TAX CREDIT ALLOCATION COMMITTEE
2024

Maximum Income Levels

For Projects Placed in Service on or before 12/31/2008
Including HERA Special Limits

County	One Person	Two Person	Three Person	Four Person	Five Person	Six Person	Seven Person	Eight Person
MODOC								
100% Income Level	$61,600	$70,400	$79,200	$87,900	$95,000	$102,000	$109,000	$116,100
60% Income Level	$36,960	$42,240	$47,520	$52,740	$57,000	$61,200	$65,400	$69,660
55% Income Level	$33,880	$38,720	$43,560	$48,345	$52,250	$56,100	$59,950	$63,855
50% Income Level	$30,800	$35,200	$39,600	$43,950	$47,500	$51,000	$54,500	$58,050
45% Income Level	$27,720	$31,680	$35,640	$39,555	$42,750	$45,900	$49,050	$52,245
40% Income Level	$24,640	$28,160	$31,680	$35,160	$38,000	$40,800	$43,600	$46,440
35% Income Level	$21,560	$24,640	$27,720	$30,765	$33,250	$35,700	$38,150	$40,635
30% Income Level	$18,480	$21,120	$23,760	$26,370	$28,500	$30,600	$32,700	$34,830
MONO								
100% Income Level	$65,400	$74,800	$84,100	$93,500	$100,900	$108,400	$115,900	$123,400
60% Income Level	$39,240	$44,880	$50,460	$56,100	$60,540	$65,040	$69,540	$74,040
55% Income Level	$35,970	$41,140	$46,255	$51,425	$55,495	$59,620	$63,745	$67,870
50% Income Level	$32,700	$37,400	$42,050	$46,750	$50,450	$54,200	$57,950	$61,700
45% Income Level	$29,430	$33,660	$37,845	$42,075	$45,405	$48,780	$52,155	$55,530
40% Income Level	$26,160	$29,920	$33,640	$37,400	$40,360	$43,360	$46,360	$49,360
35% Income Level	$22,890	$26,180	$29,435	$32,725	$35,315	$37,940	$40,565	$43,190
30% Income Level	$19,620	$22,440	$25,230	$28,050	$30,270	$32,520	$34,770	$37,020
MONTEREY								
100% Income Level	$92,700	$106,000	$119,200	$132,400	$143,000	$153,600	$164,200	$174,800
60% Income Level	$55,620	$63,600	$71,520	$79,440	$85,800	$92,160	$98,520	$104,880
55% Income Level	$50,985	$58,300	$65,560	$72,820	$78,650	$84,480	$90,310	$96,140
50% Income Level	$46,350	$53,000	$59,600	$66,200	$71,500	$76,800	$82,100	$87,400
45% Income Level	$41,715	$47,700	$53,640	$59,580	$64,350	$69,120	$73,890	$78,660
40% Income Level	$37,080	$42,400	$47,680	$52,960	$57,200	$61,440	$65,680	$69,920
35% Income Level	$32,445	$37,100	$41,720	$46,340	$50,050	$53,760	$57,470	$61,180
30% Income Level	$27,810	$31,800	$35,760	$39,720	$42,900	$46,080	$49,260	$52,440
NAPA								
100% Income Level	$102,800	$117,400	$132,200	$146,800	$158,600	$170,300	$182,100	$193,800
60% Income Level	$61,680	$70,440	$79,320	$88,080	$95,160	$102,180	$109,260	$116,280
55% Income Level	$56,540	$64,570	$72,710	$80,740	$87,230	$93,665	$100,155	$106,590
50% Income Level	$51,400	$58,700	$66,100	$73,400	$79,300	$85,150	$91,050	$96,900
45% Income Level	$46,260	$52,830	$59,490	$66,060	$71,370	$76,635	$81,945	$87,210
40% Income Level	$41,120	$46,960	$52,880	$58,720	$63,440	$68,120	$72,840	$77,520
35% Income Level	$35,980	$41,090	$46,270	$51,380	$55,510	$59,605	$63,735	$67,830
30% Income Level	$30,840	$35,220	$39,660	$44,040	$47,580	$51,090	$54,630	$58,140
NEVADA - HERA Special								
100% Income Level	$79,300	$90,600	$101,900	$113,200	$122,300	$131,400	$140,400	$149,500
60% Income Level	$47,580	$54,360	$61,140	$67,920	$73,380	$78,840	$84,240	$89,700
55% Income Level	$43,615	$49,830	$56,045	$62,260	$67,265	$72,270	$77,220	$82,225
50% Income Level	$39,650	$45,300	$50,950	$56,600	$61,150	$65,700	$70,200	$74,750
45% Income Level	$35,685	$40,770	$45,855	$50,940	$55,035	$59,130	$63,180	$67,275
40% Income Level	$31,720	$36,240	$40,760	$45,280	$48,920	$52,560	$56,160	$59,800
35% Income Level	$27,755	$31,710	$35,665	$39,620	$42,805	$45,990	$49,140	$52,325
30% Income Level	$23,790	$27,180	$30,570	$33,960	$36,690	$39,420	$42,120	$44,850
ORANGE								
100% Income Level	$110,500	$126,200	$142,100	$157,800	$170,500	$183,100	$195,700	$208,300
60% Income Level	$66,300	$75,720	$85,260	$94,680	$102,300	$109,860	$117,420	$124,980
55% Income Level	$60,775	$69,410	$78,155	$86,790	$93,775	$100,705	$107,635	$114,565
50% Income Level	$55,250	$63,100	$71,050	$78,900	$85,250	$91,550	$97,850	$104,150
45% Income Level	$49,725	$56,790	$63,945	$71,010	$76,725	$82,395	$88,065	$93,735
40% Income Level	$44,200	$50,480	$56,840	$63,120	$68,200	$73,240	$78,280	$83,320
35% Income Level	$38,675	$44,170	$49,735	$55,230	$59,675	$64,085	$68,495	$72,905
30% Income Level	$33,150	$37,860	$42,630	$47,340	$51,150	$54,930	$58,710	$62,490

Per HUD Notice
Effective: April 1, 2024

CALIFORNIA TAX CREDIT ALLOCATION COMMITTEE

2024

Maximum Multi-Family Tax Subsidy Projects (MTSP) Rents

for Low Income Housing Tax Credit (LIHTC) Projects

Placed in Service after January 1, 1990 (post 1989)

For Projects Placed in Service on or before 12/31/2008

Including HERA Special Limits

County	Efficiency	1 BR	2 BR	3 BR	4 BR	5 BR
NEVADA - HERA Special						
100% Income Level	$1,982	$2,122	$2,546	$2,942	$3,284	$3,622
60% Income Level	$1,189	$1,274	$1,528	$1,766	$1,971	$2,174
55% Income Level	$1,090	$1,168	$1,401	$1,619	$1,806	$1,993
50% Income Level	$991	$1,061	$1,273	$1,471	$1,642	$1,811
45% Income Level	$892	$955	$1,146	$1,324	$1,478	$1,630
40% Income Level	$793	$849	$1,019	$1,177	$1,314	$1,449
35% Income Level	$693	$743	$891	$1,030	$1,149	$1,268
30% Income Level	$594	$637	$764	$883	$985	$1,087
ORANGE						
100% Income Level	$2,762	$2,958	$3,552	$4,102	$4,576	$5,050
60% Income Level	$1,657	$1,775	$2,131	$2,462	$2,746	$3,030
55% Income Level	$1,519	$1,627	$1,953	$2,257	$2,517	$2,777
50% Income Level	$1,381	$1,479	$1,776	$2,051	$2,288	$2,525
45% Income Level	$1,243	$1,331	$1,598	$1,846	$2,059	$2,272
40% Income Level	$1,105	$1,183	$1,421	$1,641	$1,831	$2,020
35% Income Level	$966	$1,035	$1,243	$1,436	$1,602	$1,767
30% Income Level	$828	$887	$1,065	$1,231	$1,373	$1,515
PLACER						
100% Income Level	$2,064	$2,210	$2,652	$3,064	$3,420	$3,772
60% Income Level	$1,239	$1,326	$1,591	$1,839	$2,052	$2,264
55% Income Level	$1,135	$1,216	$1,458	$1,685	$1,881	$2,075
50% Income Level	$1,032	$1,105	$1,326	$1,532	$1,710	$1,886
45% Income Level	$929	$995	$1,193	$1,379	$1,539	$1,698
40% Income Level	$826	$884	$1,061	$1,226	$1,368	$1,509
35% Income Level	$722	$773	$928	$1,072	$1,197	$1,320
30% Income Level	$619	$663	$795	$919	$1,026	$1,132
PLUMAS						
100% Income Level	$1,612	$1,726	$2,072	$2,394	$2,672	$2,948
60% Income Level	$967	$1,036	$1,243	$1,437	$1,603	$1,769
55% Income Level	$886	$950	$1,139	$1,317	$1,469	$1,621
50% Income Level	$806	$863	$1,036	$1,197	$1,336	$1,474
45% Income Level	$725	$777	$932	$1,077	$1,202	$1,326
40% Income Level	$645	$691	$829	$958	$1,069	$1,179
35% Income Level	$564	$604	$725	$838	$935	$1,032
30% Income Level	$483	$518	$621	$718	$801	$884

EXHIBIT “G”

CEDAR PARK

Affordable Housing in Grass Valley, California

One of the best communities Grass Valley has to offer!

Section 8 *Vouchers Accepted*

FEATURING THESE AMMENITES

Spacious Floor Plans	Onsite Community Center
Abundant Closet Space	Playground
Stackable Washer & Dryer Hookups	Basketball Court
Dishwashers	Convenient to Shopping
Gas Stoves	Expansive Patios and Decks
Frost Free Refrigerators	Beautiful Landscaped Setting

MAXIMUM HOUSEHOLD INCOME LIMITS

Number of Occupants	Maximum Annual Income
1	$47,580
2	$54,360
3	$61,140
4	$67,920
5	$73,380
6	$78,840
7	$84,240

ANTICIPATED AFFORDABLE RENTAL RATES

Number of Bedrooms	Monthly Rent
2	$1,368
3	$1,562
4	$1,722

*Lower rents may be available, depending on eligibility. Rents may also adjust upon finalizing utility allowances

Refundable Security Deposits will be based on information obtained during the screening process. All applications will be taken on a first come, first-served basis. Application fees are payable by check or money order. Applicants will be screened, with a non-refundable fee of $45, on the basis of meeting income qualifications, previous rental, criminal and credit history. Minimum occupancy standards may apply.

Effective: 6/1/24

FOR INFORMATION CONTACT:

Cedar Park Apartments
p 530.273.5010 I TTD 800.735.2929
210 Sutton Way, Grass Valley, CA
www.cresapts.com/cedarpark
cedarpark@cresapts.com

PROFFESSIONALLY MANAGED BY:

CAMBRIDGE
real estate services

EQUAL HOUSING OPPORTUNITY

EXHIBIT “H”

GLENBROOK apartments

Affordable Housing in Grass Valley California

One of the best communities Grass Valley has to offer!

Section 8 *Vouchers Accepted*

FEATURING THESE AMMENITES

Spacious Floor Plans	Expansive Patios and Decks
Fully Applianced Kitchens	Onsite Community Center
Washer/Dryer Hookups	Beautifully landscaped Setting
Large Ample Closet Space	Convenient to Shopping
Large Playground	Onsite Maintenance

MAXIMUM HOUSEHOLD INCOME LIMITS

Number of Occupants	Maximum Annual Income
1	$47,580
2	$54,360
3	$61,140
4	$67,920
5	$73,380
6	$78,840
7	$84,240

ANTICIPATED AFFORDABLE RENTAL RATES

Number of Bedrooms	Monthly Rent
2	$1,368
3	$1,562

*Lower rents may be available, depending on eligibility. Rents may also adjust upon finalizing utility allowances

Refundable Security Deposits will be based on information obtained during the screening process. All applications will be taken on a first come, first-served basis. Application fees are payable by check or money order. Applicants will be screened, with a non-refundable fee of $45, on the basis of meeting income qualifications, previous rental, criminal and credit history. Minimum occupancy standards may apply.

Effective: 6/1/24

FOR INFORMATION CONTACT:

Glenbrook Apartments
Phone: 530.273.5540 | 800.735.2929 TDD
265 Sutton Way, Grass Valley, CA
www.cresapts.com/glenbrook
glenbrook@cresapts.com

PROFFESSIONALLY MANAGED BY:

CAMBRIDGE
real estate services

EQUAL HOUSING OPPORTUNITY

EXHIBIT “I”

Oak Ridge apartments

Affordable Housing in Grass Valley

One of the best communities Grass Valley has to offer!

Section 8 *vouchers accepted*

FEATURING THESE AMENITIES

- Spacious Floor Plans
- Abundant Closet Space
- Electric Range
- Cable and Phone Ready
- Frost-free Refrigerator
- Dishwasher
- Basketball Court
- Fenced Tot Lots
- BBQ/Picnic Areas
- Community Center with Meeting Rooms & Kitchen
- Covered Parking
- Garages Available

MAXIMUM HOUSEHOLD INCOME LIMITS

Number of Occupants	Maximum Annual Income
1	$47,580
2	$54,360
3	$61,140
4	$67,920
5	$73,380
6	$78,840
7	$84,240
8	$89,700

ANTICIPATED AFFORDABLE RENTAL RATES

Number of Bedrooms	Monthly Rent
2	$1368*
3	$1562*
4	$1722*

*Depends on household income and availability of apartments.

Refundable Security Deposits will be based on information obtained during the screening process. All applications will be taken on a first come, first-served basis. Application fees are payable by check or money order. Applicants will be screened, with a non-refundable fee of $45, on the basis of meeting income qualifications, previous rental, criminal and credit history. Minimum occupancy standards may apply. **Effective 04/01/2024**

FOR INFORMATION CONTACT:

Oak Ridge Apartments
530.273.0996 or 800.735.2929 TDD
228 Sutton Way, Grass Valley, CA
www.cresapts.com/oakridge
oakridge@cresapts.com

PROFESSIONALLY MANAGED BY:

CAMBRIDGE
real estate services

EXHIBIT “J”

Cedar Park Tax Credit Worksheet

Tax Credit Calculation Worksheet — Effective June 1, 2024

Property Details:

Allocation Year: Not on 8609
Placed in Service (PIS): 05/26/2004
Demographics: Family
Developer/GP/Owner: Oregon Investors VIII LP, A OR LP
Partnership Name: Cascade Housing Association
Minimum Occupancy: 2-bed / 2 occupants 3-bed / 4 occupants (HOME only)
Minimum Lease Term: 12 Months (HOME)

Funding Sources:
LIHTC Investor
State Agency CTCAC
City Funds City of Grass Valley HOME Funds
County Funds N/A
Social Service Requirements: N/A

Programs:
LIHTC All units (one exempt staff unit)
17 units - 50%
63 units - 60%
HOME 5 - 2bdrm (Low HOME)
2 - 3bdrm (Low HOME)
1 - 4bdrm (Low HOME)
CalHFA 17 units (50% set-aside)

Building Details:

Building	Numbers	Style	Qty	BINs
1	101-102, 201-202	2bd	4	CA-2002-854-01
2	103-106, 203-206	2bd, 3bd	8	CA-2002-854-02
3	107-108, 207-208	4bd	4	CA-2002-854-03
4	109-112, 209-212	2bd, 3bd	8	CA-2002-854-04
5	113-114-, 213-214	4bd	4	CA-2002-854-05
6	115-116, 215-216	3bd	4	CA-2002-854-06
7	117-119, 218-219	2bd	5	CA-2002-854-07
8	120-123, 220-223	2bd	8	CA-2002-854-08
9	124-127, 224-227	2bd, 3bd	8	CA-2002-854-09
10	128-129, 228-229	4bd	4	CA-2002-854-10
11	130-133, 230-233	2bd, 3bd	8	CA-2002-854-11
12	134-137, 234-237	2bd, 3bd	8	CA-2002-854-12
13	138-139, 238-239	3bd	4	CA-2002-854-13
14	140-141, 240-241	3bd	4	CA-2002-854-14

ADA Units			
Mobility		Sensory	
123	2bd		
111	2bd	111	2bd
103	3bd	103	2bd
119	2bd	119	2bd

Set-Aside Details

Size	Sq Ft	Staff	50%	60%	Total
2/1	830		6	31	**37**
3/2	1002	1	8	23	**32**
4/2	1257		3	9	**12**
Total		**1**	**17**	**63**	**81**

Income Limits

LIHTC Effective Date: 4/1/2024 **Location:** https://www.huduser.gov/portal/datasets/mtsp.html

Household Size	1	2	3	4	5	6	7	8
50%	$ 39,650	$ 45,300	$50,950	$56,600	$61,150	$65,700	$70,200	$74,750
60%	$ 47,580	$ 54,360	$61,140	$67,920	$73,380	$78,840	$84,240	$89,700

4-person 100% AMI

*****Use the lower of the limits for HOME units**

HOME Effective Date: 6/1/2024 **Location:** HOME Income Limits - HUD Exchange

Household Size	1	2	3	4	5	6	7	8
50%	$ 36,500	$ 41,700	$46,900	$52,100	$56,300	$60,450	$64,650	$68,800

Rent Limits

50% Low Income Tax Credits				LOW HOME		
Size	Gross	UA	Net	Gross	UA	Net
2/1	1273	-160	**1113**	1172	-160	1012
3/1	1471	-204	**1267**	1355	-204	1151
4/2	1642	-249	**1393**	1511	-249	1262

60% Low Income Tax Credits			
Size	Gross	UA	Net
2/1	1528	-160	**1368**
3/1	1766	-204	**1562**
4/2	1971	-249	**1722**

*****Use the lower of the Rents for HOME units**

Utility Allowance Details

Utility Allowances Provided By: The Regional Housing Authority
Effective Date: 11/1/2023
Implemented Date: 2/1/2024

Type	Source	2-bed	3-bed	4-bed
Heat	Nat Gas	30	33	37
Cooking	Nat Gas	8	10	13
Other	Electric	80	104	129
A/C	A/C	30	39	47
Hot Water	Nat Gas	16	22	27
Other	Nat Gas	-4	-4	-4
	Totals	**160**	**204**	**249**

Contact Details

Property Name Cedar Park
Address 210 Sutton Way
Address Grass Valley, CA 95945
Tel: 530-273-5010
Fax: 530-273-9490
Manager: Sonia Perez
Email: cedarpark@cresapts.com
Website:
Property Supervisor: Janeen Kallus

EXHIBIT “K”

Glenbrook Tax Credit Worksheet

Tax Credit Calculation Worksheet **Effective** **June 1, 2024**

Property Details:

Allocation Year:	Not on 8609	**Funding Sources:**		**Programs:**	
Placed in Service (PIS):	5/23/2005	**LIHTC Investor**		LIHTC	all units (one exempt staff unit)
Demographics:	Family	**State Agency**	CTCAC		11 units - 50%
Developer/GP/Owner:	Oregon Investors VII LP, A OR LP	**City Funds**	City of Grass Valley HOME Funds		40 units - 60%
Partnership Name:	Cascade Housing Association	**County Funds**	N/A	HOME	5 - 2bdrm (Low HOME)
Minimum Occupancy:	2-bed / 2 occupants 3-bed / 4 occupants (HOME only)	**Social Service Requirements:**	N/A		5 - 2bdrm (High HOME)
Minimum Lease Term:	12 Months (HOME)				6 - 3bdrm (Low HOME)
					4 - 3brdm (High HOME)
				CalHFA	11 units (50% Set-aside)

Building Details:

Building	Numbers	Style	Qty	BINs
1	211-212, 221-222	3bd	4	CA-03-80101
2	311-312, 321-323	3bd	4	CA-03-80102
3	511-514, 521-524	2bd	8	CA-03-80103
4	411-414, 421-424	2bd, 3bd	8	CA-03-80104
5	611-612, 621-622	3bd	4	CA-03-80105
6	711-714, 721-724, 731-73	2bd, 3bd	12	CA-03-80106
7	811-814, 821-824, 831-83	2bd, 3bd	12	CA-03-80107

ADA Units			
Mobility		Sensory	
211	3bd	211	3bd
512	2bd	512	2bd
713	2bd	713	2bd
812	2bd	812	2bd

Set-Aside Details

Size	Sq Ft	Staff	50%	60%	Total
2/1	830		5	19	**24**
3/2	1002	1	6	21	**28**
					0
Total		**1**	**11**	**40**	**52**

Income Limits

LIHTC **Effective Date:** 4/1/2024 **Location:** https://www.huduser.gov/portal/datasets/mtsp.html

Household Size	1	2	3	4	5	6	7	8
50%	$ 39,650	$ 45,300	$50,950	$56,600	$61,150	$65,700	$70,200	$74,750
60%	$ 47,580	$ 54,360	$61,140	$67,920	$73,380	$78,840	$84,240	$89,700

4-person 100% AMI

*****Use the lower of the limits for HOME units**

HOME **Effective Date:** 6/1/2024 **Location:** HOME Income Limits - HUD Exchange

Household Size	1	2	3	4	5	6	7	8
50%	$ 36,500	$ 41,700	$46,900	$52,100	$56,300	$60,450	$64,650	$68,800
60%	$ 43,800	$ 50,040	$56,280	$62,520	$67,560	$72,540	$77,580	$82,560

Rent Limits

50% Low Income Tax Credits				LOW HOME		
Size	Gross	UA	Net	Gross	UA	Net
2/1	1273	-160	**1113**	1172	-160	**1012**
3/2	1471	-204	**1267**	1355	-204	**1151**

60% Low Income Tax Credits				60% HOME		
Size	Gross	UA	Net	Gross	UA	Net
2/1	1528	-160	**1368**	1406	-160	**1246**
3/2	1766	-204	**1562**	1626	-204	**1422**

*****Use the lower of the Rents for HOME units**

*****Per HCD, High Home at Glenbrook must be calculated off the 60% Home Income Limits rather than using the HOME published HIGH HOME Rents**

Utility Allowance Details

Utility Allowances Provided By: The Regional Housing Authority
Effective Date: 11/1/2023
Implemented Date: 2/1/2024

Type	Source	2-bed	3-bed
Heat	Nat Gas	30	33
Cooking	Nat Gas	8	10
Other	Electric	80	104
A/C	A/C	30	39
Hot Water	Nat Gas	16	22
Other	Nat Gas	-4	-4
	Totals	**160**	**204**

Contact Details

Property Name	Glenbrook
Address	265 Sutton Way
Address	Grass Valley, CA 95945
Tel:	530-273-5010
Fax:	530-273-9490
Manager:	Lorena Mackrill
Email:	glenbrook@cresapts.com
Website:	
Property Supervisor:	Janeen Kallus

EXHIBIT “L”

Oak Ridge

Tax Credit Calculation Worksheet

EFFECTIVE: April 1, 2024

PROPERTY DETAILS:

Allocation Year: 1996 *The year the property was awarded LIHTCs
Placed in Service (PIS): 1/26/1999 *The first year qualified residents moved into the property
Demographics: Multifamily
Developer/GP/Owner:
Partnership Name: Oregon Investors V limited Partnership
Set-Aside Restrictions: Income/Rent at or below 60%; Avg. Affordability/Avg. Rents @ 45%
Minimum Occupancy: N/A
Minimum Lease Term: Six months (LIHTC requirement)

Funding Sources:
LIHTC Investor
State Agency CTCAC #CA-1996-004
City Funds n/a
County Funds n/a
Other n/a
Other n/a
4 Person AMI $ 104,200

Programs:
LIHTC Extended Use

BUILDING DETAILS:

Building	Apartment Numbers	Style	Qty of Apts	BINs
1	A101 - A204	2BD, 3BD	8	CA-96-00401
2	B105 - B208	2BD, 3BD	8	CA-96-00402
3	C109 - C212	2BD, 3BD	8	CA-96-00403
4	D113 - D214	4BD	4	CA-96-00404
5	E15 - E216	4BD	4	CA-96-00405
6	F117 - F218	4BD	4	CA-96-00406
7	G121 - G224	2BD, 3BD	8	CA-96-00407
8	H125 - H228	2BD, 3BD	8	CA-96-00408
9	J119 - J220	4BD	4	CA-96-00409
10	K129 - K230	3BD	4	CA-96-00410
11	L131 - L232	3BD	4	CA-96-00411
12	M133 - M236	2BD, 3BD	8	CA-96-00412
13	N137 - N238	4BD	4	CA-96-00413
14	P139 - P240	4BD	4	CA-96-00414
		Total:	**80**	

UNIT DETAILS:

Bed / Bath	Sq. Feet	Staff Apt	45% Units	Total Apts.
2 x 1	830	-	24	24
3 x 2	1,002	1	31	32
4 x 2	1,218	-	24	24
Total Quantity:		**1**	**79**	**80**

Mobility Adapted Dwellings: 102
Sensory Adapted Dwellings: N/A

INCOME LIMITS (BY HOUSEHOLD SIZE):

Area Median Income Effective Date: **4/1/2024** Nevada County Grass Valley CA

Hshld Size	1	2	3	4	5	6	7	8
45%	$ 35,685	$ 40,770	$ 45,855	$ 50,940	$ 55,035	$ 59,130	$ 63,180	$ 67,275
60%	$ 47,580	$ 54,360	$ 61,140	$ 67,920	$ 73,380	$ 78,840	$ 84,240	$ 89,700

Source: http://www.huduser.org/datasets/mtsp.html

MAXIMUM RENT LIMITS:

	45% of Area Median Income (AMI)		
	Max Rent	Utility Allow	Net Rent
2 x 1	$ 1,146	$ (160)	$ 986
3 x 2	$ 1,324	$ (204)	$ 1,120
4 x 2	$ 1,478	$ (249)	$ 1,229

	60% of Area Median Income (AMI)		
	Max Rent	Utility Allow	Net Rent
2 x 1	$ 1,528	$ (160)	$ 1,368
3 x 2	$ 1,766	$ (204)	$ 1,562
4 x 2	$ 1,971	$ (249)	$ 1,722

UTILITY ALLOWANCE DETAILS:

Utility Allowances Provided By: **Nevada County Housing Auth**
Effective Date: **11/1/2023**
Implement Date: **2/1/2024**

Use	Source	2 BD	3 BD	4 BD	
Heat	Natural Gas	$ 30	$ 33	$ 37	
Cooking	Electricity	$ 8	$ 10	$ 13	
General	Electricity	$ 80	$ 104	$ 129	
A/C	Ref Air	$ 30	$ 39	$ 47	
Hot Water	Natural Gas	$ 16	$ 22	$ 27	
Other	Credit	$ (4)	$ (4)	$ (4)	*Claifornia Climate Credit*
	TOTAL:	**$ 160**	**$ 204**	**$ 249**	

For more information, please contact:
Oak Ridge
228 Sutton Way
Grass Valley, CA 95945
Tel: 530.273.0996
Fax: 530.273.0896
Manager: William Kilburn
Email: oakridge@cresapts.com
Property Supervisor: Janeen Kallus

Oak Ridge is a unique property which requires that the group of all units, at the time of move-in, have an average household income equal to 45% or less of Area Median Income (AMI). And, throughout the term of tenancy for all households, all rents at the property must also be at or below an average of 45% of AMI. Refer to Tax Credit Schedule prepared each month to verify these requirements are being met.

EXHIBIT “M”

A. Limit as provided through participation in the earthquake and flood DIC policy coverage offered through the Agency, or.

B. For new proposed projects, application to Multifamily Programs underwriting for a waiver.

C. For projects not covered by the Agency policy or granted a waiver, total replacement value (building replacement cost plus business interruption value) with no coinsurance penalty provision.

Blanket earthquake insurance policies will be considered on a case by case basis.

6. Boiler & Machinery: **$1,000,000**.

Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by CalHFA. At the option of the CalHFA, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects CalHFA, its officers, officials, employees and volunteers; or the owner shall provide a financial guarantee satisfactory to CalHFA guaranteeing payment of losses and related investigations, claim administration, and defense expenses.

Notwithstanding the foregoing, the owner may select deductibles no greater than $10,000 per occurrence on Property and Boiler & Machinery coverages, and no greater than 5% of the values per building per location at the time and place of the loss per occurrence on Earthquake and Flood coverages.

Other Insurance Provisions

With respect to Property and Earthquake and Flood coverage, the Agency's interest shall be protected by a Lenders Loss Payable Endorsement naming the Agency as "Loss Payee."

Crime Coverage: The Agency recommends, but does not require owner to carry insurance covering money or other property against burglary, robbery or theft.

Directors and Officers: The Agency recommends but does not require liability insurance for directors and officers of non-profit boards.

The general liability policy is to contain, or be endorsed to contain, the following provisions:

1. The owner's insurance coverage shall be primary insurance. Any insurance or self-insurance maintained by the Agency shall be excess of the owner's insurance and shall not contribute with it.

2. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled, reduced or modified except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the Agency.

Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A: VII or an S&P rating of AA.

Verification of Coverage

Policies must be acquired at initial occupancy and a certificate of insurance must be submitted to the Agency for approval 45 days prior to permanent loan recordation. Renewal insurance certificates must be submitted 30 days prior to the expiration date of any current certificate.

Impounds

At the time of permanent loan closing, the Agency will establish insurance impounds

EXHIBIT “N”

EXHIBIT B

CALIFORNIA HOUSING FINANCE AGENCY

INSURANCE REQUIREMENTS
FOR CALIFORNIA HOUSING FINANCE AGENCY DEVELOPMENTS

Owner shall procure and maintain for the duration of the loan, insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the owners operation of the premises to which this contract applies.

Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Property insurance against the perils of fire, "extended coverage", vandalism, and malicious mischief to real property and business income (rents).

2. If not granted a waiver, Property insurance against the perils of earthquake and flood for both real property and business income (rents) (may be purchased through CalHFA).

3. Insurance Services Office Commercial General Liability coverage (occurrence Form CG 0001).

4. Insurance Services Office Form Number CA 0001 covering Automobile Liability, Code 1 (any auto).

5. Workers Compensation insurance as required by the State of California and Employer's Liability Insurance.

6. Boiler and Machinery coverage against standard "broad form" perils.

Minimum Limits of Insurance

Owner shall maintain limits no less than:

1. Property Insurance: Full replacement cost with no coinsurance penalty provision for real property, and at least the annual gross potential rental income for the development for business interruption coverage.

2. General Liability: (Including operations, products and completed operations.) **$1,000,000** per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.

3. Automobile Liability: **$1,000,000** per accident for bodily injury and property damage.

4. Employer's Liability: **$1,000,000** per accident for bodily injury or disease.

5. Earthquake and Flood:

   (a) Limit as provided through participation in the earthquake and flood DIC policy coverage offered through the Agency, or.

   (b) For new proposed projects, application to Multifamily Programs underwriting for a waiver.

   (c) For projects not covered by the Agency policy or granted a waiver, total replacement value (building replacement cost plus business interruption value) with no coinsurance penalty provision.

   Blanket earthquake insurance policies will be considered on a case by case basis.

6. Boiler & Machinery: **$1,000,000.**

Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by CalHFA. At the option of the CalHFA, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects CalHFA, its officers, officials, employees and volunteers; or the owner shall provide a financial guarantee satisfactory to CalHFA guaranteeing payment of losses and related investigations, claim administration, and defense expenses.

Notwithstanding the foregoing, the owner may select deductibles no greater than $10,000 per occurrence on Property and Boiler & Machinery coverages, and no greater than 5% of the values per building per location at the time and place of the loss per occurrence on Earthquake and Flood coverages.

Other Insurance Provisions

With respect to Property and Earthquake and Flood coverage, the Agency's interest shall be protected by a Lenders Loss Payable Endorsement naming the Agency as "Loss Payee."

Crime Coverage: The Agency recommends, but does not require owner to carry insurance covering money or other property against burglary, robbery or theft.

Directors and Officers: The Agency recommends but does not require liability insurance for directors and officers of non-profit boards.

The general liability policy is to contain, or be endorsed to contain, the following provisions:

1. The owner's insurance coverage shall be primary insurance. Any insurance or self-insurance maintained by the Agency shall be excess of the owner's insurance and shall not contribute with it.

2. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled, reduced or modified except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the Agency.

3. The Agency, its officers, officials, and employees are to be covered as additional insureds with respect to liability arising out of ownership, maintenance or use of the premises.

Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A: VII or an S&P rating of AA.

Verification of Coverage

Policies must be acquired at initial occupancy and a certificate of insurance must be submitted to the Agency for approval 45 days prior to permanent loan recordation. Renewal insurance certificates must be submitted 30 days prior to the expiration date of any current certificate.

Impounds

At the time of permanent loan closing, the Agency will establish insurance impounds.

EXHIBIT “O”

MULTIFAMILY LOAN AND SECURITY AGREEMENT (NON-RECOURSE)

BY AND BETWEEN

OREGON INVESTORS V LIMITED PARTNERSHIP,
an Oregon limited partnership

AND

BERKELEY POINT CAPITAL LLC,
a Delaware limited liability company

DATED AS OF

May 30, 2014

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written notice or the passage of time, or both, would constitute an Event of Default has occurred and is continuing). Borrower shall cooperate with Lender in order to satisfy the provisions of this Section 8.03(a). All related costs and expenses of Lender shall become immediately due and payable within ten (10) Business Days after demand therefor.

(b) Credit Reports; Credit Score.

No more often than once in any twelve (12) month period, Lender is authorized to obtain a credit report (if applicable) on Borrower or Guarantor, the cost of which report shall be paid by Borrower. Lender is authorized to obtain a Credit Score (if applicable) for Borrower or Guarantor at any time at Lender's expense.

ARTICLE 9 - INSURANCE

Section 9.01 Representations and Warranties.

The representations and warranties made by Borrower to Lender in this Section 9.01 are made as of the Effective Date and are true and correct except as disclosed on the Exceptions to Representations and Warranties Schedule.

(a) Compliance with Insurance Requirements.

Borrower is in compliance with Lender's insurance requirements (or has obtained a written waiver from Lender for any non-compliant coverage) and has timely paid all premiums on all required insurance policies.

(b) Property Condition.

(1) The Mortgaged Property has not been damaged by fire, water, wind, or other cause of loss; or

(2) if previously damaged, any previous damage to the Mortgaged Property has been repaired and the Mortgaged Property has been fully restored.

Section 9.02 Covenants.

(a) Insurance Requirements.

(1) As required by Lender and applicable law, and as may be modified from time to time, Borrower shall:

(A) keep the Improvements insured at all times against any hazards, which insurance shall include coverage against loss by fire and all other perils insured by the "special causes of loss" coverage form, general boiler and machinery coverage, business income coverage, and flood (if any of the Improvements are located in an area identified by the Federal Emergency

Management Agency (or any successor) as an area having special flood hazards and to the extent flood insurance is available in that area), and may include sinkhole insurance, mine subsidence insurance, earthquake insurance, terrorism insurance, windstorm insurance and, if the Mortgaged Property does not conform to applicable building, zoning, or land use laws, ordinance, and law coverage;

(B) maintain at all times commercial general liability insurance, workmen's compensation insurance, and such other liability, errors and omissions, and fidelity insurance coverage; and

(C) maintain builder's risk and public liability insurance, and other insurance in connection with completing the Repairs or Replacements, as applicable.

(b) Delivery of Policies, Renewals, Notices, and Proceeds.

Borrower shall:

(1) cause all insurance policies (including any policies not otherwise required by Lender) which can be endorsed with standard non-contributing, non-reporting mortgagee clauses making loss payable to Lender (or Lender's assigns) to be so endorsed;

(2) promptly deliver to Lender a copy of all renewal and other notices received by Borrower with respect to the policies and all receipts for paid premiums;

(3) deliver evidence, in form and content acceptable to Lender, that each required insurance policy under this Article 9 has been renewed not less than fifteen (15) days prior to the applicable expiration date, and (if such evidence is other than an original or duplicate original of a renewal policy) deliver the original or duplicate original of each renewal policy (or such other evidence of insurance as may be required by or acceptable to Lender) in form and content acceptable to Lender within ninety (90) days after the applicable expiration date of the original insurance policy;

(4) provide immediate written notice to the insurance company and to Lender of any event of loss;

(5) execute such further evidence of assignment of any insurance proceeds as Lender may require; and

(6) provide immediate written notice to Lender of Borrower's receipt of any insurance proceeds under any insurance policy required by Section 9.02(a)(1)(A) above and, if requested by Lender, deliver to Lender all of such proceeds received by Borrower to be applied by Lender in accordance with this Article 9.

Section 9.03 Mortgage Loan Administration Matters Regarding Insurance

(a) Lender's Ongoing Insurance Requirements.

Borrower acknowledges that Lender's insurance requirements may change from time to time. All insurance policies and renewals of insurance policies required by this Loan Agreement shall be:

(1) in the form and with the terms required by Lender;

(2) in such amounts, with such maximum deductibles and for such periods required by Lender; and

(3) issued by insurance companies satisfactory to Lender.

BORROWER ACKNOWLEDGES THAT ANY FAILURE OF BORROWER TO COMPLY WITH THE REQUIREMENTS SET FORTH IN SECTION 9.02(a) OR SECTION 9.02(b)(3) ABOVE SHALL PERMIT LENDER TO PURCHASE THE APPLICABLE INSURANCE AT BORROWER'S COST. SUCH INSURANCE MAY, BUT NEED NOT, PROTECT BORROWER'S INTERESTS. THE COVERAGE THAT LENDER PURCHASES MAY NOT PAY ANY CLAIM THAT BORROWER MAKES OR ANY CLAIM THAT IS MADE AGAINST BORROWER IN CONNECTION WITH THE MORTGAGED PROPERTY. IF LENDER PURCHASES INSURANCE FOR THE MORTGAGED PROPERTY AS PERMITTED HEREUNDER, BORROWER WILL BE RESPONSIBLE FOR THE COSTS OF THAT INSURANCE, INCLUDING INTEREST AT THE DEFAULT RATE AND ANY OTHER CHARGES LENDER MAY IMPOSE IN CONNECTION WITH THE PLACEMENT OF THE INSURANCE UNTIL THE EFFECTIVE DATE OF THE CANCELLATION OR THE EXPIRATION OF THE INSURANCE. THE COSTS OF THE INSURANCE SHALL BE ADDED TO BORROWER'S TOTAL OUTSTANDING BALANCE OR OBLIGATION AND SHALL CONSTITUTE ADDITIONAL INDEBTEDNESS. THE COSTS OF THE INSURANCE MAY BE MORE THAN THE COST OF INSURANCE BORROWER MAY BE ABLE TO OBTAIN ON ITS OWN. BORROWER MAY LATER CANCEL ANY INSURANCE PURCHASED BY LENDER, BUT ONLY AFTER PROVIDING EVIDENCE THAT BORROWER HAS OBTAINED INSURANCE AS REQUIRED BY THIS LOAN AGREEMENT AND THE OTHER LOAN DOCUMENTS.

(b) Application of Proceeds on Event of Loss.

(1) Upon an event of loss, Lender may, at Lender's option:

(A) hold such proceeds to be applied to reimburse Borrower for the cost of Restoration (in accordance with Lender's then-current policies relating to the restoration of casualty damage on similar multifamily residential properties); or

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(B) apply such proceeds to the payment of the Indebtedness, whether or not then due; provided, however, Lender shall not apply insurance proceeds to the payment of the Indebtedness and shall permit Restoration pursuant to Section 9.03(b)(1)(A) if all of the following conditions are met:

(i) no Event of Default has occurred and is continuing (or any event which, with the giving of written notice or the passage of time, or both, would constitute an Event of Default has occurred and is continuing);

(ii) Lender determines that the combination of insurance proceeds and amounts provided by Borrower will be sufficient funds to complete the Restoration;

(iii) Lender determines that the net operating income generated by the Mortgaged Property after completion of the Restoration will be sufficient to support a debt service coverage ratio not less than the debt service coverage ratio immediately prior to the event of loss, but in no event less than 1.0x (the debt service coverage ratio shall be calculated on a thirty (30) year amortizing basis (if applicable, on a *proforma* basis approved by Lender) in all events and shall include all operating costs and other expenses, Imposition Deposits, deposits to Collateral Accounts, and Mortgage Loan repayment obligations);

(iv) Lender determines that the Restoration will be completed before the earlier of (1) one year before the stated Maturity Date, or (2) one year after the date of the loss or casualty; and

(v) Borrower provides Lender, upon written request, evidence of the availability during and after the Restoration of the insurance required to be maintained by Borrower pursuant to this Loan Agreement.

After the completion of Restoration in accordance with the above requirements, as determined by Lender, the balance, if any, of such proceeds shall be returned to Borrower.

(2) Notwithstanding the foregoing, if any loss is estimated to be in an amount equal to or less than $50,000, Lender shall not exercise its rights and remedies as power-of-attorney herein and shall allow Borrower to make proof of loss, to adjust and compromise any claims under policies of property damage insurance, to appear in and prosecute any action arising from such policies of property damage insurance, and to collect and receive the proceeds of property damage insurance; provided that each of the following conditions shall be satisfied:

(A) Borrower shall immediately notify Lender of the casualty giving rise to the claim;

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(B) no Event of Default has occurred and is continuing (or any event which, with the giving of written notice or the passage of time, or both, would constitute an Event of Default has occurred and is continuing);

(C) the Restoration will be completed before the earlier of (i) one year before the stated Maturity Date, or (ii) one year after the date of the loss or casualty;

(D) Lender determines that the combination of insurance proceeds and amounts provided by Borrower will be sufficient funds to complete the Restoration;

(E) all proceeds of property damage insurance shall be issued in the form of joint checks to Borrower and Lender;

(F) all proceeds of property damage insurance shall be applied to the Restoration;

(G) Borrower shall deliver to Lender evidence satisfactory to Lender of completion of the Restoration and obtainment of all lien releases;

(H) Borrower shall have complied to Lender's satisfaction with the foregoing requirements on any prior claims subject to this provision, if any; and

(I) Lender shall have the right to inspect the Mortgaged Property (subject to the rights of tenants under the Leases).

(3) If Lender elects to apply insurance proceeds to the Indebtedness in accordance with the terms of this Loan Agreement, Borrower shall not be obligated to restore or repair the Mortgaged Property. Rather, Borrower shall restrict access to the damaged portion of the Mortgaged Property and, at its expense and regardless of whether such costs are covered by insurance, clean up any debris resulting from the casualty event, and, if required or otherwise permitted by Lender, demolish or raze any remaining part of the damaged Mortgaged Property to the extent necessary to keep and maintain the Mortgaged Property in a safe, habitable, and marketable condition. Nothing in this Section 9.03(b) shall affect any of Lender's remedial rights against Borrower in connection with a breach by Borrower of any of its obligations under this Loan Agreement or under any Loan Document, including any failure to timely pay Monthly Debt Service Payments or maintain the insurance coverage(s) required by this Loan Agreement.

(c) Payment Obligations Unaffected.

The application of any insurance proceeds to the Indebtedness shall not extend or postpone the Maturity Date, or the due date or the full payment of any Monthly Debt Service Payment, Monthly Replacement Reserve Deposit, or any other installments referred to in this

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Loan Agreement or in any other Loan Document. Notwithstanding the foregoing, if Lender applies insurance proceeds to the Indebtedness in connection with a casualty of less than the entire Mortgaged Property, and after such application of proceeds the debt service coverage ratio (as determined by Lender) is less than 1.25x based on the then-applicable Monthly Debt Service Payment and the anticipated on-going net operating income of the Mortgaged Property after such casualty event, then Lender may, at its discretion, permit an adjustment to the Monthly Debt Service Payments that become due and owing thereafter, based on Lender's then-current underwriting requirements. In no event shall the preceding sentence obligate Lender to make any adjustment to the Monthly Debt Service Payments.

(d) Foreclosure Sale.

If the Mortgaged Property is transferred pursuant to a Foreclosure Event or Lender otherwise acquires title to the Mortgaged Property, Borrower acknowledges that Lender shall automatically succeed to all rights of Borrower in and to any insurance policies and unearned insurance premiums applicable to the Mortgaged Property and in and to the proceeds resulting from any damage to the Mortgaged Property prior to such Foreclosure Event or such acquisition.

(e) Appointment of Lender as Attorney-In-Fact.

Borrower hereby authorizes and appoints Lender as attorney-in-fact pursuant to Section 14.03(c).

ARTICLE 10 - CONDEMNATION

Section 10.01 Representations and Warranties.

The representations and warranties made by Borrower to Lender in this Section 10.01 are made as of the Effective Date and are true and correct except as disclosed on the Exceptions to Representations and Warranties Schedule.

(a) Prior Condemnation Action.

No part of the Mortgaged Property has been taken in connection with a Condemnation Action.

(b) Pending Condemnation Actions.

No Condemnation Action is pending nor, to Borrower's knowledge, is threatened for the partial or total condemnation or taking of the Mortgaged Property.

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EXHIBIT B

CALIFORNIA HOUSING FINANCE AGENCY

INSURANCE REQUIREMENTS
FOR CALIFORNIA HOUSING FINANCE AGENCY DEVELOPMENTS

Owner shall procure and maintain for the duration of the loan, insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the owners operation of the premises to which this contract applies.

Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Property insurance against the perils of fire, "extended coverage", vandalism, and malicious mischief to real property and business income (rents).

2. If not granted a waiver, Property insurance against the perils of earthquake and flood for both real property and business income (rents) (may be purchased through CalHFA).

3. Insurance Services Office Commercial General Liability coverage (occurrence Form CG 0001).

4. Insurance Services Office Form Number CA 0001 covering Automobile Liability, Code 1 (any auto).

5. Workers Compensation insurance as required by the State of California and Employer's Liability Insurance.

6. Boiler and Machinery coverage against standard "broad form" perils.

Minimum Limits of Insurance

Owner shall maintain limits no less than:

1. Property Insurance: Full replacement cost with no coinsurance penalty provision for real property, and at least the annual gross potential rental income for the development for business interruption coverage.

2. General Liability: (Including operations, products and completed operations.) **$1,000,000** per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.

3. Automobile Liability: **$1,000,000** per accident for bodily injury and property damage.

4. Employer's Liability: **$1,000,000** per accident for bodily injury or disease.

5. Earthquake and Flood:

   (a) Limit as provided through participation in the earthquake and flood DIC policy coverage offered through the Agency, or.

   (b) For new proposed projects, application to Multifamily Programs underwriting for a waiver.

   (c) For projects not covered by the Agency policy or granted a waiver, total replacement value (building replacement cost plus business interruption value) with no coinsurance penalty provision.

   Blanket earthquake insurance policies will be considered on a case by case basis.

6. Boiler & Machinery: **$1,000,000.**

Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by CalHFA. At the option of the CalHFA, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects CalHFA, its officers, officials, employees and volunteers; or the owner shall provide a financial guarantee satisfactory to CalHFA guaranteeing payment of losses and related investigations, claim administration, and defense expenses.

Notwithstanding the foregoing, the owner may select deductibles no greater than $10,000 per occurrence on Property and Boiler & Machinery coverages, and no greater than 5% of the values per building per location at the time and place of the loss per occurrence on Earthquake and Flood coverages.

Other Insurance Provisions

With respect to Property and Earthquake and Flood coverage, the Agency's interest shall be protected by a Lenders Loss Payable Endorsement naming the Agency as "Loss Payee."

Crime Coverage: The Agency recommends, but does not require owner to carry insurance covering money or other property against burglary, robbery or theft.

Directors and Officers: The Agency recommends but does not require liability insurance for directors and officers of non-profit boards.

The general liability policy is to contain, or be endorsed to contain, the following provisions:

1. The owner's insurance coverage shall be primary insurance. Any insurance or self-insurance maintained by the Agency shall be excess of the owner's insurance and shall not contribute with it.

2. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled, reduced or modified except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the Agency.

3. The Agency, its officers, officials, and employees are to be covered as additional insureds with respect to liability arising out of ownership, maintenance or use of the premises.

Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A: VII or an S&P rating of AA.

Verification of Coverage

Policies must be acquired at initial occupancy and a certificate of insurance must be submitted to the Agency for approval 45 days prior to permanent loan recordation. Renewal insurance certificates must be submitted 30 days prior to the expiration date of any current certificate.

Impounds

At the time of permanent loan closing, the Agency will establish insurance impounds.

EXHIBIT “P”

From: Cristina Green
To: Denni Ragsdale; Marian Grant
Cc: Kristi Isham
Subject: RE: [External] - RE: Additional questions to the removal of the carport at Cedar Park Apt., (CalHFA Dev. No 02-0270-N) & Glenbrook Apts., (CalHFA Dev. No. 02-049-N)
Date: Monday, May 8, 2023 10:52:49 AM

Good morning, Denni,

The borrower does not have to replace the carports that were removed.

Please keep in mind that section 12(d) of the Regulatory Agreement states that the borrower is not allowed to materially remodel, add to, reconstruct, demolish, or damage any part of the development. In the future, if there is a need to any of these actions, please contact the Agency for approval.

Thank you,

Cristina Green
Housing Finance Officer
Multifamily - Asset Management
California Housing Finance Agency
Cell:310.736.8504
Office Address: 500 Capitol Mall, Ste. 1400, MS 990, Sacramento, CA 95814
This message and any attached documents contain information from the California Housing Finance Agency that may be confidential and/or privileged. If you are not the intended recipient, you may not read, copy, distribute, or use this information. If you have received this transmission in error, please notify the sender immediately by reply e-mail and then delete this message. Thank you.

From: Denni Ragsdale <denni.ragsdale@cascadehousing.org>
Sent: Friday, May 5, 2023 3:44 PM
To: Marian Grant <MGrant@CalHFA.ca.gov>
Cc: Cristina Green <CGreen@CalHFA.ca.gov>; Kristi Isham <kristi.isham@cascadehousing.org>
Subject: [External] - RE: Additional questions to the removal of the carport at Cedar Park Apt., (CalHFA Dev. No 02-0270-N) & Glenbrook Apts., (CalHFA Dev. No. 02-049-N)

CAUTION: This email was sent from a non-CalHFA email address. Please do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Marian,

I hope this email finds you doing great, and enjoying your Friday!

We wanted to follow up on this email and find out CalHFA's stance on if we must replace the carports that were destroyed and removed from the properties? Could you please let us know when you have a moment?

Thank you so much!

Denni Ragsdale
Cascade Housing Association
P.O. Box 182
Springfield, OR 97477
Office: 541.726.6181
Direct: 916.813.0783
denni.ragsdale@cascadehousing.org

From: Kristi Isham <kristi.isham@cascadehousing.org>
Sent: Tuesday, April 11, 2023 1:11 PM
To: MGrant@CalHFA.ca.gov
Cc: Denni Ragsdale <denni.ragsdale@cascadehousing.org>; CGreen@CalHFA.ca.gov
Subject: FW: Additional questions to the removal of the carport at Cedar Park Apt., (CalHFA Dev. No 02-0270-N) & Glenbrook Apts., (CalHFA Dev. No. 02-049-N)

Marian,

Please see attached pictures and responses in red below. Apologize for the lag time in responding.

Thanks

Kristi

From: Marian Grant <MGrant@CalHFA.ca.gov>
Sent: Monday, April 03, 2023 11:57 AM
To: Denni Ragsdale <denni.ragsdale@cascadehousing.org>
Cc: Kristi Isham <kristi.isham@cascadehousing.org>; Cristina Green <CGreen@CalHFA.ca.gov>
Subject: Additional questions to the removal of the carport at Cedar Park Apt., (CalHFA Dev. No 02-0270-N) & Glenbrook Apts., (CalHFA Dev. No. 02-049-N)

Hello Denni,

I have a few questions regarding the removal of the carport for Cedar Park and Glenbrook Apts.,

Were there bids for the removal of the carport? No, emergency processes to get carports down before more fell down and damaged more cars.
What is the reason for the removal of the carport? They were falling on cars parked under them and a major safety concern as people and kids were out playing in the snow and in day to day activities.
Where there any lien release to the removal of the carport? No pre-liens filed due to exigent circumstances. Contractor had knowledge of working for ownership from previous jobs.

Please provide all support documents to the questions.

Thank you,

Please note my new address and phone number

Ms. Marian Grant
California Housing Finance Agency
500 Capitol Mall, Ste.,1400 MS 990
Sacramento, CA 95814
MGrant@CalHFA.ca.gov
www.CalHFA.ca.gov
Direct Line: 916-201-8613

Sign up for our Enews Announcements to receive occasional Multifamily program updates and more.

This message and any attached documents contain information from the California Housing Finance Agency that may be confidential and/or privileged. If you are not the intended recipient, you may not read, copy, distribute, or use this information. If you have received this transmission in error, please notify the sender immediately by reply e-mail and then delete this message. Thank you.

Please consider the environment before printing this email.

From: Denni Ragsdale <denni.ragsdale@cascadehousing.org>
Sent: Thursday, March 16, 2023 12:58 PM
To: Marian Grant <MGrant@CalHFA.ca.gov>
Cc: Kristi Isham <kristi.isham@cascadehousing.org>
Subject: [External] - Cedar Park Apartments (CalHFA Dev. No 02-0270-N) & Glenbrook Apartments (CalHFA Dev. No. 02-049-N)

CAUTION: This email was sent from a non-CalHFA email address. Please do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Marian,

I hope you are doing well and surviving all the storms that you all have been experiencing!

We are reaching out with a question regarding two of our projects located in Grass Valley, Cedar Park Apartments (CalHFA No. 02-0270-N) and Glenbrook Apartments (CalHFA No. 02-049-N). Both projects experienced carport failures at the end of February, beginning of March, due to the

weight of the snow that had accumulated with the storms at that time. For safety reasons, we have successfully removed all carports from both projects, however would like to confirm with CalHFA that we are not required to replace them? We are not seeing any language in our agreements stating this, however, want to make sure we are covering our bases.

When you have a moment to respond we would greatly appreciate that.

Take Care,

Denni Ragsdale
Cascade Housing Association
P.O. Box 182
Springfield, OR 97477
Office 541-726-6181
Direct 916-813-0783

EXHIBIT “Q”

1750 Prarie City Road
Suite 130-1180
Folsom, CA 95630
(916) 747-9967
CA Lic# 1041002

PROPOSAL

Brief description of work: Construct carports at Oakridge, Glenbrook, and Cedar Park apartments as previously configured. Includes carport lighting and parking lot work.

General Requirements	
Permits and testing	BY OWNER
Plans for submittal to City of GV	BY OWNER
General Conditions	6 Months
Superintendent	1 EA
Resident protection measures	
Existing Conditions	
Demo old carport footings	
Demo old lighting conduits	
Masonary	
Pour new footings per engineering from carport manufacturer	
Patch asphalt as needed	
Patch sidewalks as needed	
Restripe asphalt in areas of work	
Metals	
Provide carports and associated engineering	
- Construct 20 units at Cedar Park	
- Construct 12 units at Glenbrook	
- Construct 16 units at Oak Ridge	
Electrical	
Install lighting to new carports	
Electrical design/engineering	
3rd party utility locates	
New conduit, wiring and relabeling of panels	

OVERHEAD	10%
PROFIT	10%
CONTINGENCY	5%
INSURANCE/WARRANTY/ADMIN	2%

Glenbrook	$261,900
Oak Ridge	$347,650
Cedar Park	$405,760

EXCLUSIONS

Concealed items, landscaping repair, panel upgrades, special inspections bonds, moving of existing utilities, liquidated damages

Respectfully submitted, Austin Reilly, Principal

Proposal #24.178

EXHIBIT “R”

GLEENBROOK, OAK RIDGE & CEDAR PARK CARPORTS				8/28/24		
Project Duration		120 Days	24 Weeks	6 Months		
GENERAL CONDITIONS						
Cost Codes	Description	Quantity	Unit	Unit Price	Total	Comments
1.310	Project Manager	320	Hrs	95.00	30,569.60	1/3 Time
1001	Project Admin (FOM)/ Project Engineer	12	wks	2,300.00	27,600.00	1/2 Time
1005	Supervision/Superintendent	26	wks	3,200.00	83,200.00	+ 2 Wks To Final Acc
1009	General Superintendent	48	Hrs	125.00	6,000.00	
1011	Safety Manager	50	Hrs	75.00	3,750.00	
1015	Procore Management Software	24	wks	150.00	3,600.00	
1020	Drinking Water	24	wks	60.00	1,440.00	
1030	Office Supplies	24	wks	30.00	720.00	
1032	Office Equipment	24	wks	30.00	720.00	
1033	Internet	6	Mo	150.00	900.00	
1035	Photos	24	wks	15.00	360.00	
1040	Safety & First Aid	24	wks	25.00	600.00	
1050	Site Security Fencing	3,000	LF	2.50	7,500.00	Allowance
1055	Fire Extinguishers	2	LS	100.00	200.00	
1090	Project Sign	1	EA	600.00	600.00	
1112	Clean Up, Daily (Temp.)	24	wks	250.00	6,000.00	1 day per week
1115	Dumpster	4	Lds	1,250.00	5,000.00	40 yd Minimum Size
1127	Postage	24	wks	25.00	600.00	
1200	Temp. Telephone	6	Mo	350.00	2,100.00	
1210	Temp. Electric	0	Mo	500.00	0.00	By Owner
1230	Temp. Toilets (1/10 Men)	6	Mo	1,000.00	6,000.00	
1235	CAL/OSHA Handwash	6	Mo	600.00	3,600.00	
1260	JCI - Office Trailer	6	Mo	750.00	4,500.00	
1265	Tool Storage	6	Mo	150.00	900.00	
1300	Pickup Allowance	6	Mo	1,500.00	9,000.00	
1350	Misc. Equipment	24	wks	150.00	3,600.00	
1500	Small Tools	24	wks	50.00	1,200.00	
1530	Gas / Oil	24	wks	500.00	12,000.00	
1602	Blueprints	1	LS	1,000.00	1,000.00	
1850	Builder's Risk Insurance	0	LS	0.00	0.00	By Owner
1900	Business License	1	LS	300.00	300.00	
1910	Liquidated Damages	0	LS	0.00	0.00	Not Applicable
1950	Warranty Expense	0	LS	0.00	0.00	Not Applicable
1980	Archive Scanning	1	LS	800.00	800.00	
1985	Permits & fees	0	LS	0.00	0.00	By Owner
	GC's per month>>>>	$37,393	TOTAL GC's>>>>		224,359.60	
			CARPORT BREAKDOWN TOTAL >>>>			909,600
			COMBINED SUBTOTAL>>>>			1,133,960
			Warranty	0.20%		2,268
			Liability Insurance	0.72%		8,181
			OH & P	9.00%		102,997
BOND FORMULAS				TOTAL BID		1,247,405
Projects under 500K		17,001	Recommended 5% CONTENGENCY			62,370
Projects 500k-2.5mil		13,482	TOTAL BID W/O BOND>>			1,309,775.36
Projects 2.5mil-5mil		14,747	Payment & Performance Bond			0
Projects 5mil-7.5mil		15,795	Bond Insurance	0.70%		0
Projects 7.5mil & over		13,744	P&P Bond & Bond Ins.			0
			Grand Total			1,309,775.36
Building SQ. FT.		0		Price per SQ. FT.		NA

JCI SOV				
Breakdown Bid Total >>>>			909,600	Sub/Allowance
Item #	Division Description		Bid	
1	GLENBROOK - 12 UNITS		227,400	
2	OAK RIDGE - 16 UNITS		303,200	
3	CEDAR PARK - 20 UNITS		379,000	

QUALIFICATIONS

Contractor: Jackson Construction, Inc.

Project: GLEENBROOK, OAK RIDGE & CEDAR PARK CARPORTS

Bid Date: 8/28/24

QUALIFICATIONS

Exclusions

1 Excludes permits & fees.
2 Excludes delays due to permits, material/equipment procurement, weather & other acts of God.
3 Excludes bonds.
4 Excludes builders risk insurance.
5 Excludes liquidated damages.
6 Excludes contaminated or hazardous soil.
7 Excludes dewatering.
8 Excludes structural design & fees.
9 Excludes electrical design & fees.
10 Excludes any required landscaping repairs (by owner's vendor).
11 Excludes special testing & inspections (by owner to prevent conflict of interest).
12 Excludes concealed/unforeseen conditions/materials.
13 Excludes handling or removal of hazardous materials and any remediation required.
14 Excludes special working hours & overtime - Standard hours M-F for non-holidays.
15 Excludes temp power - power by owner.
16 Excludes relocating existing UG utilities if required for new footing locations.
17
18
19
20

Inclusions

1 Fabricate and install new steel parking structures.
2 Removal and replacement of asphalt required for parking structure columns & bases.
3 New UG electrical trenches required for lighting.
4 Includes new LED lighting and wiring.
5 New concrete sections for flatwork where temp demo required for UG structural and electrical.
6 New parking lot striping where required from demo work.
7
8
9
10

EXHIBIT “S”

428 J Street, Suite 300
Sacramento, CA 95814
p: 916.418.9100
www.degenkolb.com

July 14, 2023

Mr. Jeff Camacho
Farmers Insurance
Jeff.camacho@farmersinsurance.com

RE: Glenbrook Apartments – 265 Sutton Way, Grass Valley, CA 95945
Carport Condition Assessment
Insured: Oregon Investors VII
Claim No. 7006217336

Dear Mr. Camacho:

Our office was asked to comment on the carport structures located 265 Sutton Way, Grass Valley after experiencing significant snow loading during the 2022/2023 winter season. Reported damage to the light-gage metal carport framing included, but was not limited to the following: creases in C-beams, loosened fastener connections, leaning carports, twisted/bent framing members, etc. Several photographs of the carport damage were provided and are depicted in Photographs 1 and 2.

Photo 1 – Leaning Carport Canopy	Photo 2 – Bowed & Creased C Beam

Based on provided information, our office believes significant snow loading damaged the carport structures inducing deformed and buckled structural light-gage framing members. Once light-gage members experience deformation (i.e., flange and web crippling) their structural integrity is greatly compromised, and they should be replaced. In our opinion, snow loading damaged the carport structures located at 265 Sutton Way, which now require replacement.

Sincerely,
Degenkolb Engineers
By:

Peter Sandlin, S.E.
Principal

REGISTERED PROFESSIONAL ENGINEER
PETER J. SANDLIN
No. 4901
Exp.6-30-25
STRUCTURAL
STATE OF CALIFORNIA

07-14-2023

EXHIBIT “T”

FARMERS INSURANCE

Toll Free: (800) 435-7764
Email: myclaim@farmersinsurance.com
Please include your claim # on any correspondence
National Document Center
P.O. Box 268994
Oklahoma City, OK 73126-8994
www.farmers.com/claimstatus

August 30, 2024

OREGON INVESTORS V LP
DBA OAKRIDGE APARTMENTS
PO BOX 2968
PORTLAND OR 97208-2968

RE:	Insured:	Oregon Investors V LP
	Claim Number:	5021822222-1-1
	Policy Number:	0606745027
	Loss Date:	03/07/2023
	Location of Loss:	228 Sutton Way, Grass Valley, CA
	Subject:	Important Claim Information

Dear Oregon Investors V LP:

Thank you for choosing us to provide for your insurance needs. We value you as a customer and appreciate the opportunity to be of service. This letter shall serve as a follow up to our telephone conversation on August 29, 2024.

Joshua Meltz from our office inspected the property on March 17, 2023. During his field inspection, Mr. Meltz met with Jeremy Burt from Element 26 Construction. Mr. Meltz advised me that he observed the following damage to the carports:

*Metal C-Beams had creases in them
*The metal ties that connect metal beams together had come undone
*The metal beams had bent from the weighty of the snow
*Roofs had shifted back and fascia separating
*Dents in steel beams from stress of shift
*Roofs shifted back
*Leaning carports
*Compressed beams and front plates bowing out (photo indicates represents all carports)
*Fascia off
*Ties have shifted
*Un-straight tops

Based on the above items it was concluded that the carports were damaged beyond repair. We issued an actual cash value payment to you on June 13, 2023.

We encourage you to visit www.farmers.com to learn more about our self-service options available to you, including the ability to view your claim status, upload documents and photos and find local service providers.

If you have any questions, please call me at (858) 444-5211.

Thank you.

Jeff Camacho
Special Commercial Property General Adjuster
(858) 444-5211
Farmers Insurance Exchange

Email communications are preferred and should be sent to myclaim@farmersinsurance.com. If hard copies of communications are required, they should be sent to our National Document Center at P.O. Box 268994, Oklahoma City, OK 73126-8994.

CC: ELISE RINGER, SARAH T WINDER

EXHIBIT “U”

FARMERS INSURANCE

Toll Free: (800) 435-7764
Email: myclaim@farmersinsurance.com
Please include your claim # on any correspondence
National Document Center
P.O. Box 268994
Oklahoma City, OK 73126-8994
www.farmers.com/claimstatus

August 30, 2024

OREGON INVESTORS VIII LP
DBA CEDAR PARK APARTMENTS
PO BOX 2968
PORTLAND OR 97208-2968

RE:		
	Insured:	Oregon Investors VIII LP
	Claim Number:	5021781016-1-1
	Policy Number:	0606745005
	Loss Date:	02/28/2023
	Location of Loss:	210 Sutton Way, Grass Valley, CA
	Subject:	Important Claim Information

Dear Oregon Investors VIII LP:

Thank you for choosing us to provide for your insurance needs. We value you as a customer and appreciate the opportunity to be of service. This letter shall serve as a follow up to our telephone conversation on August 29, 2024.

Joshua Meltz from our office inspected the property on March 17, 2023. During his field inspection, Mr. Meltz met with Jeremy Burt from Element 26 Construction. Mr. Meltz advised me that he observed the following damage to the carports:

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If you have any questions, please call me at (858) 444-5211.

Thank you.

Jeff Camacho
Special Commercial Property General Adjuster
(858) 444-5211
Truck Insurance Exchange

Email communications are preferred and should be sent to myclaim@farmersinsurance.com. If hard copies of communications are required, they should be sent to our National Document Center at P.O. Box 268994, Oklahoma City, OK 73126-8994.

CC: ELISE RINGER, SARAH T WINDER

EXHIBIT “V”

CALHFA ASSET MANAGEMENT
SITE INSPECTION REPORT

Item # 10.

PROJECT NAME	Glenbrook Apartments	**MGT COMPANY**	Cambridge Real Estate Services	**DATE OF VISIT**	12/14/2021
PROJECT ADDRESS	265 Sutton Way Grass Valley, CA 95945	**YEAR BUILT**	2006	**TOTAL BUILDINGS**	8
CALHFA#	02049N	**PROPERTY MANAGER**	Janeen Kallus	**TOTAL UNITS**	52
CALHFA INSPECTOR	Steve Markan	**PROPERTY MGR PHONE NUMBER**	503-450-0238	**# UNITS INSPECTED**	5
CALHFA INSPECTOR EMAIL	smarkan@CalHFA.ca.gov	**PROPERTY MGR EMAIL**	jkallus@cambridgeres.com	**PROJECT TYPE**	Family
TYPE OF VISIT	Annual	**ON-SITE MANAGER**	Ricci Cooper	**# VACANCIES**	0
INSPECTION TYPE (PROCESS TYPE)	80/20	**MAINTENANCE**	Gary Meales	**BED BUGS**	Yes ☐ No ☒
HUD 9834 COMPLETE (If Applicable)	Yes ☐ No ☐	**OTHERS PRESENT**		**JOINT INSPECTION**	Select

ITEMS RATED 3 REQUIRES A RESPONSE WITHIN FIFTEEN (15) BUSINESS DAYS UPON RECEIPT OF THIS REPORT

Provide CalHFA with a plan of action and time frame for implementation and completion

OF ITEMS RATED 3: 3

SEVERITY RATING LEVELS

1 = LEVEL 1(Minor Deficiency) 2 = LEVEL 2(Potential Problem) **3 = LEVEL 3 - ACTION REQUIRED (WITHIN 15 DAYS)**

4 = NOD = NO OBSERVED DEFICIENCY 5 = N/A = NOT APPLICABLE

EXTERIOR		INTERIOR		INTERIOR	
Site		**Building Systems**		**Units**	
1. Fences & Gates	5	20. Domestic Water/Plumbing	4	**45. Bathroom**	**2**
2. Grounds	4	21. Electrical System	4	46. Call-for-Aid	Select
3. Mailboxes & Signs	4	22. Elevator Equip.	5	47. Ceiling	Select
4. Market Appeal	4	**23. Emergency Power**	**3**	**48. Doors**	**3**
5. Parking Lots/Driveways	4	24. Fire Protection	4	49. Electrical System	Select
6. Play Areas & Equipment	4	25. HVAC	4	50. Floors	Select
7. Refuse Disposal	4	26. Roof Exhaust System	5	**51. Hot Water Heater**	**3**
8. Retaining Walls	5	27. Sanitary System	4	52. HVAC System	Select
9. Storm Drainage	4	28. Health & Safety	4	53. Kitchen	Select
10. Walkways & Steps	4	**Common Area**		54. Laundry Area	Select
11. Health & Safety	4	29. Basement/Garage/Carport	5	55. Lighting	Select
Building Exterior		30. Closet/Utility/Mechanical	4	56. Outlets/Switches	Select
12. Doors	4	31. Community Room	4	57. Patio/Porch/Balcony	Select
13. Fire Escapes	5	32. Day Care	5	58. Smoke/CO Detector	Select
14. Foundations	4	33. Halls/Corridors/Stairs	4	59. Stairs	Select
15. Lighting	4	34. Kitchen	4	**60. Walls**	**1**
16. Roofs	4	35. Laundry Room	4	61. Windows	Select
17. Walls	4	36. Lobby	4	62. Housekeeping	Select
18. Windows	4	37. Office	4	63. Health & Safety	Select
19. Health & Safety	4	38. Other Community Space	4	**Certifications:**	
		39. Patio/Porch/Balcony	4	1. Boilers	N/A
		40. Pools & Related Structure	5	2. Elevators	N/A
		41. Restrooms/Pool Structure	4	3. Fire Alarms	N/A
		42. Storage	4	4. LB Paint Disclosure Forms	N/A
		43. Trash Collection Areas	5	5. LB Paint Inspection Report	N/A
		44. Health & Safety	4	6. Fire Sprinkler Systems	Yes

UNITS INSPECTED	414, 511, 612, 811, 812

HEALTH, FIRE, & SAFETY ITEMS RATED #3 – ACTION REQUIRED WITHIN 72 HOURS

EXTERIOR & INTERIOR ITEMS RATED #3 – ACTION REQUIRED WITHIN 15 BUSINESS DAYS

23. **Emergency Power**
Level 3 – Auxiliary light in the office/community building is not working.

Unit 414

48. **Doors**
Level 3 – Bedroom 1 door has a hole.

Unit 511

48. **Doors**
Level 3 – Hall bathroom door does not latch.

51. **Hot Water Heater**
Level 3 – Water Heater PRV discharge pipe is missing.

EXTERIOR & INTERIOR RATED #1 & 2 – ITEMS RECOMMENDED FOR REPAIR

Unit 414

48. **Doors**
Level 2 – Laundry room door is damaged.

60. **Walls**
Level 1 – Wall damage in the hall bathroom above the shower.

Unit 811

48. **Doors**
Level 1 – Laundry room door is missing.
Level 1 – Screen door is damaged.

Unit 812

45. **Bathroom**
Level 2 – Hall bathroom tank cover is broken.

OVERALL COMMENTS

EXHIBIT “W”

CALHFA ASSET MANAGEMENT
SITE INSPECTION REPORT

Item # 10.

PROJECT NAME	Cedar Park	**MGT COMPANY**	Cambridge Real Estate Services	**DATE OF VISIT**	12/14/2021
PROJECT ADDRESS	210 Sutton Way Grass Valley, CA 95945	**YEAR BUILT**	2004	**TOTAL BUILDINGS**	17
CALHFA#	02027N	**PROPERTY MANAGER**	Janeen Kallus	**TOTAL UNITS**	81
CALHFA INSPECTOR	Steve Markan	**PROPERTY MGR PHONE NUMBER**	503-450-0238	**# UNITS INSPECTED**	8
CALHFA INSPECTOR EMAIL	smarkan@CalHFA.ca.gov	**PROPERTY MGR EMAIL**	jkallus@cambridgeres.com	**PROJECT TYPE**	Family
TYPE OF VISIT	Annual	**ON-SITE MANAGER**	Sonia Perez	**# VACANCIES**	2
INSPECTION TYPE (PROCESS TYPE)	80/20	**MAINTENANCE**	Julio Garcia	**BED BUGS**	Yes ☐ No ☒
HUD 9834 COMPLETE (If Applicable)	Yes ☐ No ☐	**OTHERS PRESENT**		**JOINT INSPECTION**	Select

ITEMS RATED 3 REQUIRES A RESPONSE WITHIN FIFTEEN (15) BUSINESS DAYS UPON RECEIPT OF THIS REPORT

Provide CalHFA with a plan of action and time frame for implementation and completion

OF ITEMS RATED 3: 4

SEVERITY RATING LEVELS

1 = LEVEL 1(Minor Deficiency) 2 = LEVEL 2(Potential Problem) **3 = LEVEL 3 - ACTION REQUIRED (WITHIN 15 DAYS)**

4 = NOD = NO OBSERVED DEFICIENCY 5 = N/A = NOT APPLICABLE

EXTERIOR		INTERIOR		INTERIOR	
Site		**Building Systems**		**Units**	
1. Fences & Gates	5	20. Domestic Water/Plumbing	4	45. Bathroom	4
2. Grounds	4	21. Electrical System	4	46. Call-for-Aid	5
3. Mailboxes & Signs	4	22. Elevator Equip.	5	47. Ceiling	4
4. Market Appeal	4	**23. Emergency Power**	**3**	**48. Doors**	**3**
5. Parking Lots/Driveways	4	24. Fire Protection	4	49. Electrical System	4
6. Play Areas & Equipment	4	25. HVAC	4	50. Floors	4
7. Refuse Disposal	4	26. Roof Exhaust System	4	**51. Hot Water Heater**	**3**
8. Retaining Walls	5	27. Sanitary System	4	52. HVAC System	4
9. Storm Drainage	4	28. Health & Safety	4	53. Kitchen	4
10. Walkways & Steps	4	**Common Area**		54. Laundry Area	4
11. Health & Safety	4	29. Basement/Garage/Carport	5	55. Lighting	4
Building Exterior		30. Closet/Utility/Mechanical	4	56. Outlets/Switches	4
12. Doors	**3**	31. Community Room	4	57. Patio/Porch/Balcony	4
13. Fire Escapes	4	32. Day Care	5	58. Smoke/CO Detector	4
14. Foundations	4	33. Halls/Corridors/Stairs	4	59. Stairs	5
15. Lighting	4	34. Kitchen	4	60. Walls	4
16. Roofs	**1**	35. Laundry Room	4	61. Windows	4
17. Walls	4	36. Lobby	4	62. Housekeeping	4
18. Windows	4	37. Office	4	63. Health & Safety	4
19. Health & Safety	4	38. Other Community Space	4	**Certifications:**	
		39. Patio/Porch/Balcony	4	1. Boilers	N/A
		40. Pools & Related Structure	5	2. Elevators	N/A
		41. Restrooms/Pool Structure	4	3. Fire Alarms	N/A
		42. Storage	4	4. LB Paint Disclosure Forms	N/A
		43. Trash Collection Areas	4	5. LB Paint Inspection Report	N/A
		44. Health & Safety	4	6. Fire Sprinkler Systems	Yes

UNITS INSPECTED	101, 103, 104, 121, 131, 133, 136, 140

HEALTH, FIRE, & SAFETY ITEMS RATED #3 – ACTION REQUIRED WITHIN 72 HOURS

EXTERIOR & INTERIOR ITEMS RATED #3 – ACTION REQUIRED WITHIN 15 BUSINESS DAYS

12. **Doors**
Level 3 – Office/Community exterior door needs to be painted.

23. **Emergency Power**
Level 3 – Auxiliary light in the office/community building is not working.

Unit 101
48. **Doors**
Level 3 – Hall bathroom door is broken.

Unit 103
51. **Hot Water Heater**
Level 3 – Hot water heater PRV discharge pipe is missing.

Unit 133
51. **Hot Water Heater**
Level 3 – Hot water heater PRV discharge pipe is missing.

Unit 131
48. **Doors**
Level 3 – Entry door handle is damaged.

EXTERIOR & INTERIOR RATED #1 & 2 – ITEMS RECOMMENDED FOR REPAIR

16. **Roofs**
Level 1 – Splash block is missing at building 220-223 north side.

OVERALL COMMENTS

EXHIBIT “X”

CALIFORNIA TAX CREDIT ALLOCATION COMMITTEE

915 Capitol Mall, Suite 485
Sacramento, CA 95814
p (916) 654-6340
f (916) 654-6033
ctcac@treasurer.ca.gov
www.treasurer.ca.gov/ctcac

MEMBERS

JOHN CHIANG, CHAIRMAN
State Treasurer

BETTY YEE
State Controller

MICHAEL COHEN
Director of Finance

EXECUTIVE DIRECTOR
Mark Stivers

September 14, 2015

Kelly Williams
Oregon Investors V Limited Partership
PO Box 182
Springfield, OR 97477

RE: Oak Ridge Apartments (CA-1996-004)

NOTICE OF NONCOMPLIANCE FOR PROJECT IN EXTENDED USE PERIOD

The California Tax Credit Allocation Committee (CTCAC) staff conducted a file and on-site physical inspection of your project to determine compliance with the provisions of the recorded regulatory agreement between the owner and CTCAC on **August 5, 2015**. The recorded regulatory agreement requires that tax credit units be rent restricted and occupied by income eligible households whose income is verified by third-party documentation. All units must be habitable and the property must be safe for all tenants.

RESULTS OF THE TENANT FILE INSPECTION:

Eight tenant files were reviewed. The review of the files and the Project Status Report (PSR) for your project indicate that income eligible households occupy the units, rents are within the maximum rent limits, and all required documentation is contained in the files with the following exceptions:

REDACTED – This three-person household moved in on 03/21/15. At initial move-in, the file states the tenant REDACTED does not file taxes nor receives paychecks, but is paid strictly in cash with an attached Cash Payment Verification Form. Please provide CTCAC with the following:

- Move in – please provide an IRS 4506T Form with a response letter from the IRS.

Note: Forms that are missing signature(s) or date should date the form(s) with the actual date of signing, then put the statement "true and correct as of MM/DD/YY" next to signature.

RESULTS OF THE UNIT INSPECTION:

Eight units were inspected. The units and the property appear to be safe and habitable for all inspected tenant households with the following exceptions:

Building B - Unit #105

- Kitchen – garbage disposal switch face plate cracked
- Bathroom – occupied by tenant, unable to inspect. Please certify that the GFI, electrical, and plumbing are operable and in good condition.
- Bedroom #2 – missing door stopper
- Master bathroom – toilet does not flush

Building D - Unit #113

- Bathroom #1 – towel bar is broken

Building G - Unit #224

- Kitchen – GFI face plate missing

Building H - Unit #225

- Bedroom #1 – ingress/egress blocked due to desk stored behind door, preventing it from opening completely.

Please note: For all deficiencies found during the unit inspection, please provide CTCAC a work order showing the deficiencies have been corrected, signed and dated by both management and the tenant.

*By **Wednesday, October 14, 2015,** please submit to CTCAC documentation showing correction of all of the above noted deficiencies.* ***CTCAC will not accept documentation submitted via email or fax.***

Our staff would like to thank your management representatives for their courteous assistance during the CTCAC audit. If you have any questions regarding this letter, please contact me at (916) 651-1321.

Sincerely,

Juan Diego Ochoa
Program Analyst

cc: Jeff Passadore – Cambridge Real Estate Services
Elizabeth Gutierrez-Ramos, Compliance Program Manager – CTCAC

Attachment 2

Public Comments Received Prior to September 5, 2024

Lucy Rollins

Subject: RE: Voicemail from [redacted] on Aug 20 2024 3:32 PM

From: Anonymous - Voicemail box 8880 <noreply@voicemail.goto.com>
Sent: Tuesday, August 20, 2024 3:36 PM
To: Public Comments <public@cityofgrassvalley.com>
Subject: Voicemail from [redacted] on Aug 20 2024 3:32 PM

You received a new voicemail message

New voicemail message

Time: Tuesday, August 20 2024 3:32 PM

From: [redacted]

Duration: 2 minutes 27 seconds

Voicemail box: 8880

Transcript: Yes, my name is Lynn St. Jacques. I'm a longtime resident of Cedar Park Apartments on Sutton Way in Grass Valley. And Cambridge Management Company can well afford to replace the awnings, the carports, which were a health and safety issue. Our lighting was also embedded in the carports. we've been without lighting since the snowstorm as well. The parking lot is unlit, and it's unsafe. Since COVID, the management company has embarked on a program where they raise rents several times within a year. Most residents thought that the rental increases would be limited to a certain percentage a year or a certain number of rental increases. But Cambridge doesn't seem to agree with that, and people have had their rent increased, you know, every couple of months to the point where a lot of people have moved because their budgets just, you know, you move in thinking your rent's going to be one amount, and in months later it goes up a couple hundred dollars a month, that doesn't work for families. So, you know, my position is watching the company deteriorate, you know, after COVID. It seems like they discovered that, you know, they

could get away with providing less and they can't keep tenants and they can't, well, the tenants mostly they can keep because there's such a housing shortage, but the turnover in maintenance staff is just incredible. So their business practices are such that it's, you know, it's not a benefit to employees or tenants, either one, and I believe that they can easily afford to replace those carports, which are essential for health and safety. So, I hope you can do something about that. Thank you. Goodbye. END

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Mailbox Capacity: 97/99 available

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333 Summer St, Boston, MA 02210, United States
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Lucy Rollins

Subject: RE: Voicemail from [redacted] on Aug 21 2024 3:59 PM

From: WIRELESS CALLER - Voicemail box 8880 <noreply@voicemail.goto.com>
Sent: Wednesday, August 21, 2024 4:03 PM
To: Public Comments <public@cityofgrassvalley.com>
Subject: Voicemail from [redacted] on Aug 21 2024 3:59 PM

You received a new voicemail message

New voicemail message

Time:	Wednesday, August 21 2024 3:59 PM
From:	[redacted]
Duration:	1 minute 34 seconds
Voicemail box:	8880
Transcript:	Yes hello this is Jesse Williams I live at Oak Ridge Apartments 228 Sutton Way Grass Valley California my phone number is [redacted] I just read the article and I have a lot of feedback on the situation is in leased carports and they are still advertising that there's carports. They told me that they were going to be rebuilt and they have not and since then they keep raising our rents and lowering some people's rents even though we had a financial hardship with two people losing their jobs and they raised our rent and someone else that I know had financial hardship and they lowered theirs so the property manager doesn't give a **** about any of us and our concerns and I have much more tell you. So please call me back at your earliest convenience. Once again that's Jesse Williams [redacted]. I look forward to speaking with you. Thank you very much and have a blessed day.

Rate this transcript's accuracy

Mailbox Capacity: 97/99 available

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21 August 2024

Grass Valley City Council
125 E Main Street
Grass Valley, CA 95945

Esteemed Council Members:

I write to you as a 12 year resident of Cedar Park Apartments in Grass Valley, CA, on the health & safety issue of carport replacement. We have handicapped residents who need shelter provided by carports as they transition, from car to wheelchair in rain & snow. You may recall that we were under an extreme heat advisory just last month. My neighbor has an infrared heat scanner & measured the temperature to be 152 degrees inside his car. This is the result of sun magnified through a windshield. The carports protected us from temperature extremes both hot & cold. The simple consideration of people needing shelter while retrieving grocery bags & kids out of their cars is no small thing. Then there's the lighting. The lighting for the parking lot was embedded in the carports & tenants have been without a lighted parking lot for almost 2 years now. It's unsafe, I've written work reports for the issue (available on request.) Both the carports & lighting are urgent safety issues needing to be resolved before the darkness & rain of winter this year.

As for the claim that it's too costly to replace them: before covid each of the three adjacent apartment complex managed by Cambridge had it's own maintenance person. Now maintenance workers, (such as they are, because the turnover rate is so high) are moved from complex to complex, to where the highest need prevails. This is what maintenance staff relates as well as the fact that this company is rated as a one-star employer. It seems that during the covid pandemic businesses learned that, when it comes to essentials, like food & housing, providing less while increasing prices was hughly profitable. And that's what's happening here.

One political party is running on a proposal to cap rent increases annually & tie them to the Tax Credit programs that apartment complexes, including Cedar Park, in this area are participants of. Cambridge Real Estate Services can well afford to replace the essential safety features of carports & lighting after the unprecedented rental increases that have occurred in the past 2 years. Tax Credit programs come with obligations, ones Cambridge Real Estate Services should not be exempted from.

Lin St Jacques
Resident of Cedar Park

City of Grass Valley
City Council
Agenda Action Sheet

Title: Supplement to the Final Environmental Impact Report for the Approved Dorsey Marketplace Project

CEQA: Pursuant to the California Environmental Quality Act (Pub. Resources Code, § 21000 et seq.) ("CEQA") and the State CEQA Guidelines (Cal. Code Regs., tit.14, § 15000 et seq.), the City Council, at its April 28, 2020, regular meeting, certified a Final Environmental Impact Report ("EIR") for the mixed-use development known as the Dorsey Marketplace Project ("Project").

That City Council action, along with the City Council's approval of the Project, was subsequently challenged in court, with the ultimate result being that the City needed to make only minor changes to the original 2020 EIR. The required changes are set forth in documents from both the Court of Appeal and the Nevada County Superior Court, namely, a Modified Opinion from the Court of Appeal and a Revised Judgment and Peremptory Writ of Mandate from the superior court. These documents ordered the City to prepare further analysis of the extent to which Project-related traffic added to anticipated 2035 traffic on State Route ("SR") 20/49 could result in adverse health effects on future Project residents and occupants.

In response to these judicial directives, the City prepared a Supplement to the Final EIR ("SFEIR"). The Draft SFEIR was circulated for public comment, and a Final SFEIR is now ready for City Council consideration and certification.

Recommendation:

1) Conduct the public hearing regarding the Supplement to the Final Environmental Impact Report for the Dorsey Marketplace Project

2) Adopt Resolution No. 2024-66 certifying the updated Final Environmental Impact Report for the Dorsey Marketplace Project, thereby (i) determining that the deficiency in the Final EIR identified in the Modified Court of Appeal Opinion and Revised Judgment has been remedied, (ii) further determining that a new 2024 Final EIR, consisting of (a) the 2020 Final EIR, (b) the Draft FSEIR, and (c) responses to comments on the Draft FSEIR and related corrections, is legally adequate under CEQA, and (iii) permitting the implementation of any and all previously suspended Project activities and Project Approvals, subject to authorization by the superior court

Prepared by: Amy Wolfson, City Planner

Council Meeting Date: September 10, 2024 **Date Prepared:** August 27, 2024

Agenda: Public Hearing

Background Information: At its April 28, 2020 regular meeting, the City Council approved the Project applicant's preferred iteration of the Project "Alternative B" and also certified the

Final EIR prepared for the Project and adopted Findings of Fact and a Statement of Overriding Considerations. The approved Project consisted of applications for a General Plan Amendment, Zoning Map Amendment, Development Review Permit, and Use Permit for a proposed mixed-use development on a 26.8-acre infill site. Approved Alternative B includes 104,350 square feet of commercial space, 8,500 square feet of office space, and 172 apartment units, along with pedestrian corridors, public plaza spaces, spaces for public art and murals throughout the commercial component, as well as a small dog park.

The City Council's certification of the 2020 Final EIR for the Project was challenged by Community Environmental Advocates, Community Environmental Advocates Foundation, Protect Grass Valley, and Ralph A. Silberstein (collectively, "Petitioners"), who filed a Petition for Writ of Mandate ("Petition") in the Nevada County Superior Court. The Petitioners appealed the Superior Court's denial of their Petition, and the Third District Court of Appeal upheld the Superior Court's rejection of the Petitioners' challenges to the Final EIR, with one exception. The Court of Appeal found that traffic from the Project could exacerbate health risks for future Project residents and occupants by contributing to mobile source emissions associated with SR 20/49 in 2035, and that the Final EIR did not adequately evaluate this potential impact. In October 2023, the Superior Court issued a Revised Judgment directing the City to suspend all Project activities that have the potential to adversely affect the physical environment until this deficiency in the Final EIR is properly addressed. The Superior Court did not require the City Council to vacate any of its prior actions associated with Project approval in 2020. Thus, the approved General Plan Amendment, Zoning Map Amendment, Development Review Permit, and Use Permit all remain in effect. The Superior Court did, however, suspend any and all Project activities that could result in an adverse change or alteration to the physical environment until the City has taken the necessary actions to comply with CEQA.

Supplement to the EIR

In August 2023, the City approved a revised scope to its contract with environmental consulting firm, Dudek, authorizing that firm to prepare the SFEIR in compliance with the focused scope mandated by the courts. On February 3, 2024, the City published a Notice of Availability (NOA) for the Draft SFEIR for a 45-day public review period. The Draft SFEIR was published on the City's website, and on the State Clearinghouse website, CEQAnet, and was available in hard copy at City Hall and at the Grass Valley - Royce Branch Library.

Consistent with the direction in the Revised Judgment and the Third District Court of Appeal's Modified Opinion, the SFEIR includes a narrow scope that evaluates the health risk impacts of Project-related mobile source emissions from SR 20/49 in 2035 on new residents and occupants of the Project. In addition, health risks associated with existing sensitive receptors within 1,000 feet of SR 20/49 were assessed. Four roadway Health Risk Assessment (HRA) scenarios were analyzed in the SFEIR: baseline, baseline + Project, cumulative 2035, and cumulative 2035 + Project. Using these scenarios, Dudek was able to estimate the change between the current baseline impact and cumulative scenarios with and without Project-generated vehicle travel.

It is important to note that the 2020 Final EIR, based on data available in 2019 from the California Department of Transportation ("Caltrans"), assumed a baseline of daily traffic of 41,000 trips on SR 20/49, with the cumulative 2035 scenario resulting in an expected 57,000 trips, which exceeded the California Air Resource Board's ("CARB's") Air Quality and Land Use Handbook: A Community Health Perspective ("handbook") threshold for "High Traffic

Roadways." However, the most current data from Caltrans, as used in the 2024 FSEIR, shows a marked decrease of average daily trips on SR 20/49 since 2019, with 31,000 trips shown as the current baseline and 40,000 trips on SR 20/49 in the cumulative 2035 + Project scenario in 2035. Even though the current and projected 2035 trip counts fall below the CARB handbook's definition of a High Traffic Roadway, the City conservatively analyzed the associated health risk associated with the Project per the court's ruling.

The SFEIR concludes that mobile source emissions from Project generated traffic would not significantly exacerbate an existing or future environmental hazard. While Project-generated traffic would increase emissions and associated health effects from mobile source emissions under current and 2035 conditions, the additional cancer risk associated with the Project, using a conservative assumption that 100% of those daily tips are coming from SR 20/49, does not result in a significant exacerbation of the baseline cancer risk from mobile source emissions on SR 20/49 under current or 2035 conditions. Given that the Project's trip distribution is expected be closer to 20% travel along SR 20/49, the baseline cancer risk associated with the Project is not expected to be significantly exacerbated. In other words, no significant health-related impacts would occur.

The SFEIR concludes no new mitigation is required to reduce the air quality impacts of the Project to a less-than-significant level with respect to exposing sensitive receptors and occupants to substantial pollutant concentrations. The proposed site design, along with mitigation measures already required under the 2020 Final EIR, adequately address air quality impacts of the Project, including the less-than-significant health effects identified in the SFEIR. The design of the Project, including spacing of the buildings to allow adequate airflow, along with the 50-foot buffer between the Dorsey Drive off-ramp with landscaping in compliance with Mitigation Measure 5a, and the 6-foot soundwall required under mitigation measure 9a, will reduce the potential health effects of Project-generated mobile source emissions. The SFEIR concludes there are no new significant impacts or impacts more severe than those that were identified in the Final EIR and that increased cancer and chronic health risks associated with Project-generated traffic would remain below applicable thresholds. Thus, the Project's air quality impacts would remain less than significant.

Responses to Comments received during the 45-day public notice period for review of the Draft SFEIR were published on August 22, 2024. While the City received a total of 12 comment letters, most of them did not address the analysis in the SFEIR but instead commented on other aspects of the Project that were no longer under active consideration, given the narrow scope of the SFEIR and the fact that the courts did not require the City Council to vacate its 2020 Project approvals. For example, many comments addressed the Final EIR's analysis of environmental issues that were either challenged and decided in the City's favor in the Revised Judgment, or that could have been challenged in the prior litigation but were not. In either case, the Final EIR's analysis is conclusively presumed valid, with the exception of the narrow, new analysis of Project-generated mobile source emissions and associated human health impacts on future project residents and occupants, as analyzed in the SFEIR. Nevertheless, Dudek provided responses to all comments, even those outside the scope of the SFEIR, describing the disposition of any significant environmental issues raised with good faith, reasoned analysis. The responses to the comments did not require any revisions to the analysis and conclusions in the SFEIR, though some data corrections were made as a result of comments from Northern Sierra Air Quality Management District.

The new (2024) Final EIR now before the City Council consists of (i) the 2020 Final EIR, (ii) the Draft FSEIR, and (iii) responses to comments on the Draft FSEIR and related corrections.

The adequacy of the original 2020 Final EIR is not in contention, however. The City Council should therefore focus its consideration on the adequacy of the Draft FSEIR and responses to comments on the Draft FSEIR and related corrections. The Council need not reconsider the merits of the Project, as the courts left all of the 2020 Project approvals intact.

By certifying the 2024 Final EIR, the City Council would put the City into a position whereby the City Attorney, working with the Project applicant, could ask the Superior Court to discharge the pending Peremptory Writ of Mandate. If the Court agrees with the City and applicant that the FSEIR and the associated responses to comments satisfy the directives from the Modified Court of Appeal Opinion, the Revised Judgment, and Peremptory Writ of Mandate, the Court would lift the current suspension of Project-related activities that can adversely affect the environment. At that point, the Project could proceed with development once all required City permits have been obtained.

Council Goals/Objectives: Adoption of Resolution No. 2024-66 certifying the Supplement to the Final Environmental Impact Report for the Dorsey Marketplace Project supports the 2022 Strategic Plan Update Goal # 4, by which the City of Grass Valley encourages a robust and sustainable economy that reflects diverse employment opportunities that support the values of Grass Valley, and Goal # 5, by which the City of Grass Valley strives to exemplify an innovative, efficient, effective, open and collaborative city government.

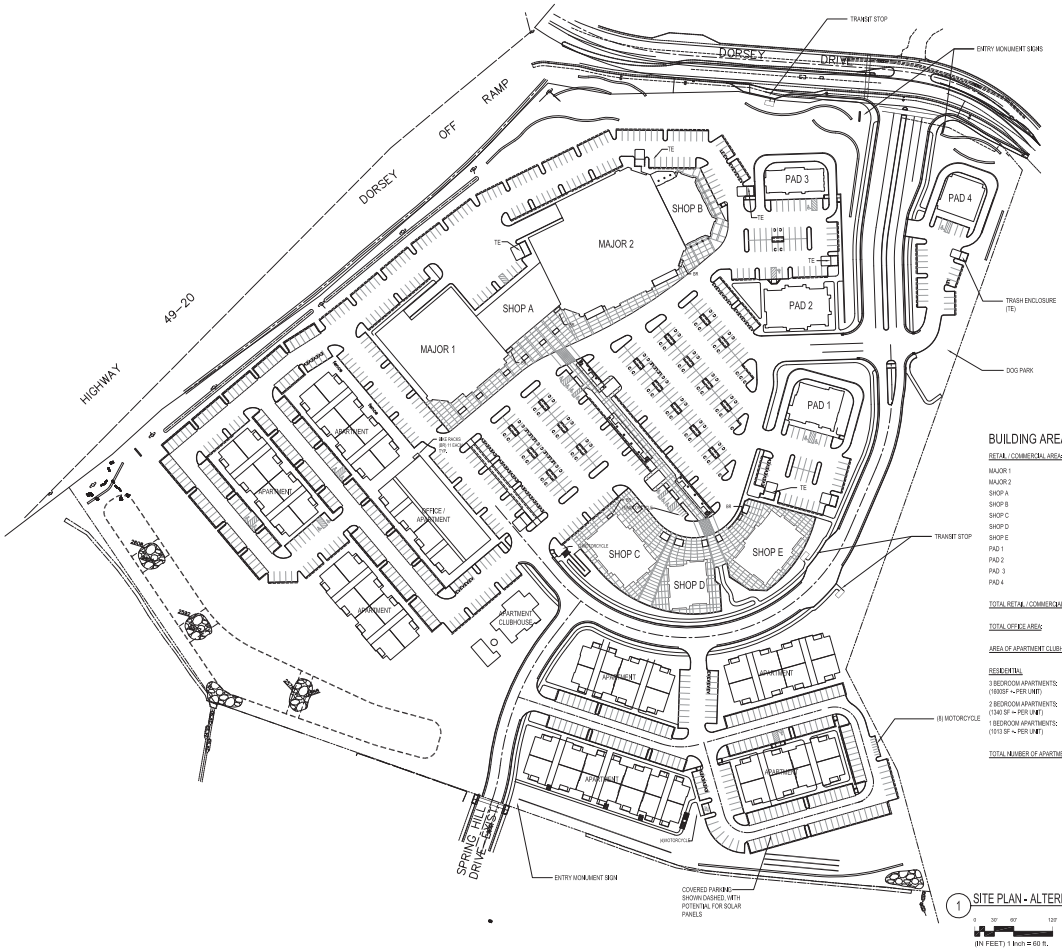
Fiscal Impact: There is no fiscal impact to the City; Preparation of the SFEIR and construction of the Project are funded at the applicant's expense, as City policy requires.

Funds Available: N/A **Account #:** N/A

Reviewed by: City Manager

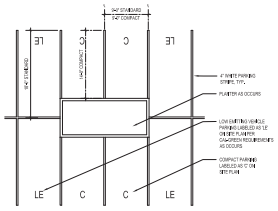
Attachments:

- Dorsey Marketplace Site Plan, Alternative B (approved project)
- Resolution No. 2024-66, Certifying SFEIR with Exhibit A (2024 EIR)
- Supplement to the Final EIR (SFEIR)
- Response to Comments to the SFEIR and Errata
- Public Comments (received prior to publishing)



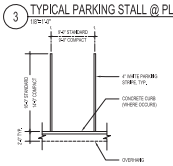
1 SITE PLAN - ALTERNATIVE

(IN FEET) 1 inch = 60 ft.



3 TYPICAL PARKING STALL @ PLANTER

1/8"=1'-0"



2 TYPICAL PARKING STALL

1/8"=1'-0"

BUILDING AREA DATA:

RETAIL / COMMERCIAL AREA:	
MAJOR 1	21,500 SF
MAJOR 2	35,900 SF
SHOP A	8,500 SF
SHOP B	5,650 SF
SHOP C	6,400 SF
SHOP D	4,000 SF
SHOP E	8,400 SF
PAD 1	4,200 SF
PAD 2	6,000 SF
PAD 3	3,200 SF
PAD 4	3,500 SF
TOTAL RETAIL / COMMERCIAL AREA:	104,350 SF
TOTAL OFFICE AREA:	8,500 SF
AREA OF APARTMENT CLUBHOUSE:	3,280 SF + -
RESIDENTIAL	
3 BEDROOM APARTMENTS: (1600SF +- PER UNIT)	38 UNITS
2 BEDROOM APARTMENTS: (1340 SF +- PER UNIT)	95 UNITS
1 BEDROOM APARTMENTS: (1010 SF +- PER UNIT)	38 UNITS
TOTAL NUMBER OF APARTMENTS	171 UNITS

PARKING DATA:

PARKING REQUIRED :	
REQUIRED PARKING COMMERCIAL BEFORE BICYCLE SUBSTITUTION (4/1000) :	417 STALLS
** REQUIRED PARKING COMMERCIAL AFTER BICYCLE SUBSTITUTION :	412 STALLS
***REQUIRED PARKING COMMERCIAL AFTER MOTORCYCLE SUBSTITUTION :	410 STALLS
REQUIRED ACCESSIBLE PARKING (2% OF TOTAL PARKING PROVIDED)	12 STALLS
REQUIRED BIKE PARKING (10% OF TOTAL PARKING PROVIDED)	0.1 * 568 = 57 BIKE RACKS
REQ. CLEAN AIR / VAN POOL / EV : (AS REQUIRED BY CAL GREEN)	0.08 * 568 = 46 STALLS
REQ. FUTURE ELECTRIC VEHICLE CHARGING STATION (AS REQ. BY CAL GREEN)	0.06 * 568 = 35 STALLS
REQUIRED OFFICE PARKING (1/400)	22 STALLS
RETAIL / COMMERCIAL PARKING PROVIDED :	
- STANDARD STALLS PROVIDED:	447 STALLS
- COMPACT STALLS PROVIDED:	77 STALLS (13% < 30% ALLOWED, THUS OK)
- ACCESSIBLE PARKING:	14 STALLS (12 > 15 STALLS, THUS OK)
- MOTORCYCLE ***	5 SPACES
- BIKE RACKS	57 BIKE RACKS
- CLEAN AIR / VAN POOL / EV : (STRIPED AND INDICATED ON SITE PLAN AS 'LE', PART OF TOTAL STANDARD STALLS)	46 STALLS
- FUTURE ELECTRIC VEHICLE CHARGING: (INDICATED ON SITE PLAN AS 'EV' PART OF 'LE' STALL COUNT)	35 STALLS
RESIDENTIAL PARKING PROVIDED:	
- STANDARD STALLS (COVERED) PROVIDED:	304 STALLS
- STANDARD STALLS (UNCOVERED) PROVIDED:	74 STALLS
- ACCESSIBLE PARKING PROVIDED:	10 STALLS (REQ. IS 2% OF TOTAL = 9 STALLS)
- MOTORCYCLE	7 SPACES
- FUTURE ELECTRIC VEHICLE CHARGING	12 STALLS (3% OF PARKING PROVIDED)
OFFICE PARKING PROVIDED:	
- STANDARD STALLS	28 STALLS
- ACCESSIBLE PARKING PROVIDED:	1 STALL
OTHER PARKING:	
** SUBSTITUTION FOR AUTOMOBILE PARKING IS (1) STALL PER 8 BICYCLE RACKS, UP TO 10% MAXIMUM OF REQUIRED VEHICLE SPACES	** 417 X 10% = 41 / 8 = 5 STALL REDUCTION
MOTORCYCLE SPACES ALLOWED:	1/50 , UP TO 10% MAX. OF REQUIRED VEHICLES
***SUBSTITUTION FOR AUTOMOBILE PARKING IS (1) SPACE PER 25 MOTORCYCLE SPACES, UP TO 10% MAXIMUM OF REQUIRED VEHICLE SPACE	***417 X 10% = 41 SPACES 41/ 25 = 2 SPACE REDUCTION (5 MOTORCYCLE SPACES PROVIDED , 41 ALLOWED, THUS "OK")

williams paddon
ARCHITECTS + PLANNERS

DORSEY MARKETPLACE

GRASS VALLEY, CA.

AUGUST 11, 2017

REVISIONS			
#	DATE	DESCRIPTION	BY
1	3/23/2016	CRY REVIEW COMMENTS	DP, DR
2	10/25/2016	DESIGN REVIEW COMMENTS	DP, DR, JC
3	2/9/2017	DESIGN REVIEW COMMENTS	DP, DR
4	8/11/2017	EIR ALTERNATIVE SITE PLAN	DP, DR

SHEET
A1.1

RESOLUTION NO. 2024-66

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GRASS VALLEY CERTIFYING THE SUPPLEMENT TO THE FINAL ENVIRONMENTAL IMPACT REPORT FOR THE DORSEY MARKETPLACE PROJECT

WHEREAS, in December 2015, the R. Jeter Family Trust ("the Applicant") submitted applications for a General Plan Amendment, Zoning Map Amendment, Development Review Permit, and Use Permit for a proposed mixed-use development known as the Dorsey Marketplace on a 26.8-acre infill site within the City of Grass Valley ("City") (the "Project"); and

WHEREAS, pursuant to the California Environmental Quality Act (Pub. Resources Code, § 21000 et seq.) ("CEQA") and the State CEQA Guidelines (Cal. Code Regs., tit.14, § 15000 et seq.), City staff determined that an Environmental Impact Report ("EIR") should be prepared to analyze all potentially adverse environmental impacts of the Project; and

WHEREAS, in early 2016, the City selected a consultant, Dudek, to prepare the EIR for the Project; and

WHEREAS, as Dudek began working on technical studies, an issue arose with potential impacts to one of the State Route ("SR") 20/49 interchanges and, additionally, the Applicant began revisiting the land use mix based on nationwide trends impacting the retail market; and

WHEREAS, in July 2017, the Applicant developed an alternative site plan ("Alternative B") that, compared with the original proposal, reduced the commercial area and increased the number of residential units; and

WHEREAS, the City prepared a Draft EIR for the Project that analyzed both Alternative A (the original proposal) and Alternative B, and provided a 45-day public review period from March 22 to May 6, 2019; and

WHEREAS, on April 16, 2019, the City's Planning Commission held a public hearing to receive public comments on the adequacy of the Draft EIR; and

WHEREAS, the City's Development Review Committee reviewed the design elements of the two proposed project alternatives at public meetings held on May 28 and August 27, 2019, and recommended that the City Council support Alternative B; and

WHEREAS, in October 2019, the City issued a proposed Final Environmental Impact Report ("Final EIR") for the Project; and

WHEREAS, on December 3, 2019, the Planning Commission independently reviewed, analyzed and considered the Final EIR, as well as the related proposed Findings of Fact and Statement of Overriding Considerations, prior to making its recommendation on the Project; and

WHEREAS, on December 3, 2019, the Planning Commission conducted a duly noticed public hearing on the General Plan Amendment, Zoning Map Amendment, Development Review Permit, and Use Permit applications and considered the Final EIR, and recommended,

by a vote of five to zero, that the City Council certify the Final EIR and approve Alternative B; and

WHEREAS, on April 28, 2020, the City Council certified the Final EIR (the "2020 Final EIR"), adopted the Findings of Fact and Statement of Overriding Considerations, and approved Alternative B, including the required applications for a General Plan Amendment, Zoning Map Amendment, Development Review Permit, and Use Permit; and

WHEREAS, on August 3, 2020, Community Environmental Advocates, Community Environmental Advocates Foundation, Protect Grass Valley and Ralph A. Silberstein (collectively, "Petitioners") filed a petition for writ of mandate in Nevada County Superior Court challenging the City Council's certification of the 2020 Final EIR and approval of the Project; and

WHEREAS, on June 18, 2021, following briefing by the parties and a hearing on the merits, the Superior Court issued a "Final Ruling on Petition for Writ of Mandate (CEQA)," in which the court rejected all of Petitioners' arguments attacking the 2020 Final EIR; and

WHEREAS, on July 27, 2021, the Superior Court issued a judgment in favor of the City and the Applicant, which denied the petition for writ of mandate in its entirety; and

WHEREAS, on July 29, 2021, the Petitioners appealed the trial court's decision; and

WHEREAS, on February 28, 2023, the Third District Court of Appeal issued a Modified Opinion affirming the trial court's ruling and judgment except in one respect, rejecting all of Petitioners' challenges to the EIR but one; and

WHEREAS, the one flaw in the EIR identified by the Court of Appeal was the EIR's failure to adequately analyze the potential health effects to Project residents and occupants in the year 2035 from mobile source pollution resulting from Project traffic using SR 20/49; and

WHEREAS, on October 19, 2023, on remand from the Court of Appeal, the trial court issued a new judgment consistent with the modified opinion of the Court of Appeal ("Revised Judgment"), as well as a Peremptory Writ of Mandate directing the City to suspend all Project activities that could adversely affect the physical environment and to address the deficiencies in the EIR identified in the modified Court of Appeal opinion; and

WHEREAS, on February 3, 2024, the City published a Notice of Availability for the Supplement to the Final Environmental Impact Report ("SFEIR") for the Project, and held a 45-day public review period through March 19, 2024; and

WHEREAS, the SFEIR analyzes the potential health effects to Project residents and occupants in the present and the year 2035 from mobile source pollution due to Project traffic using SR 20/49, including all of the following:

- the analysis considers existing residents in the vicinity of the Dorsey Marketplace Project site as well as future Dorsey Marketplace residents and occupants;

- the analysis considers potential effects under the “no Project” and “with Project” scenarios in the year 2023 (existing) and year 2035 (cumulative) conditions;
- the analysis considers the potential health effects to receptors at various distances within 1,000 feet of the SR 20/49 travel lanes;
- the analysis focuses on the effects of diesel particulate matter and total organic gases from on-road vehicles, reflecting the total average daily trips and vehicle fleet mix (i.e., percentages of various types of vehicles, such as passenger cars and trucks, light duty trucks, and heavy duty trucks);
- the analysis relies on the results of air dispersion models that calculate how pollutants are transported from the emission source to particular points at various distances from the pollutant source to calculate the concentration of pollutants that are expected to reach existing and future sensitive receptors in the Project vicinity; and
- the conclusions regarding health risk are based on the cancer risk and chronic health effect risks associated with the identified exposure rates; and

WHEREAS, the SFEIR concludes that traffic from the Project on SR 20/49 would not significantly exacerbate environmental hazards and associated human health effects from mobile source emissions on SR 20/49 from traffic unrelated to the Project either in the present or in 2035; and

WHEREAS, on September 10, 2024, the City added the SFEIR, along with the public comments received on the SFEIR and the responses to those comments, to the 2020 certified Final EIR and provided the resulting new and expanded Final EIR (“the 2024 Final EIR”) to the City Council to review and consider, and to determine whether the deficiency identified in the modified Court of Appeal opinion, the Revised Judgment, and the Peremptory Writ of Mandate have been corrected before implementing the previously suspended Project activities; and

WHEREAS, the City Council finds that 2024 Final EIR, attached hereto as Exhibit A, is in compliance with CEQA and the State CEQA Guidelines insofar as the 2024 Final EIR corrects the deficiency in the 2020 Final EIR described in the modified Court of Appeal opinion, the Revised Judgment, and the Peremptory Writ of Mandate; and

WHEREAS, the City Council, having determined that the deficiencies in the previously certified 2020 Final EIR have been corrected in the 2024 Final EIR, reinstates the previously suspended Project activities as permitted by the Revised Judgment and Peremptory Writ of Mandate.

NOW, THEREFORE, BE IT RESOLVED that:

1. The City Council hereby finds the certified 2024 Final EIR, including the 2020 Final EIR, the SFEIR, the comments on the SFEIR, and the responses to those comments (all attached hereto as Exhibit A), addresses all environmental effects of the Project and fully complies with the requirements of CEQA, the CEQA Guidelines, the modified Court of Appeal opinion, the Revised Judgment, and the Peremptory Writ of Mandate. All of the information comprising the new Final EIR is on file with the Grass Valley Community Development Department,125 E. Main Street, Grass

Valley, California. This finding of legal adequacy extends only, however, to the portions of the document modified in response to the directives of the Court of Appeal in the Modified Opinion, as the Court of Appeal did not require the City Council to vacate its certification of the previously certified 2020 Final EIR or to set aside any Project approvals, and the City Council did not do so. Because the prior certification was left undisturbed, this finding renders the entirety of the 2024 Final EIR adequate to reinstate the previously suspended Project activities as permitted by the Revised Judgment and Peremptory Writ of Mandate. Those suspended Project Activities are hereby reinstated.

2. The City Council hereby certifies that the 2024 Final EIR, and specifically the revisions made in the SFEIR in response to the modified Court of Appeal opinion, Revised Judgment, and Peremptory Writ of Mandate, were presented to the Council as the decision-making body of the lead agency, and that the Council reviewed and considered the information contained in the 2024 Final EIR prior to making its determination that the deficiencies in the previously certified 2020 Final EIR identified in the modified Court of Appeal opinion, Revised Judgment, and Peremptory Writ of Mandate have been corrected.
3. The City Council finds the 2024 Final EIR reflects the independent judgment of the City of Grass Valley.
4. The City Council finds that no significant new information within the meaning of CEQA Guidelines Section 15088.5 has required additional analysis on remand from the Court of Appeal beyond the analysis required by the modified Court of Appeal opinion, the Revised Judgment, and the Peremptory Writ of Mandate.
5. In light of the Superior Court's continuing jurisdiction under Public Resources Code section 21168.9, subdivision (b), the City Attorney, working with counsel for the Applicant, shall file with the Superior Court a return to the Peremptory Writ of Mandate and a Motion to Discharge the Peremptory Writ of Mandate.

ADOPTED as a resolution of the City Council of the City of Grass Valley at a regular meeting held on the __ day of _____ 2024 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAINING:

_____
Jan Arbuckle, Mayor

APPROVED AS TO FORM:

ATTEST:

_____
Michael G. Colantuono, City Attorney

_____
Taylor Day Whittingslow, City Clerk

Exhibit A

- 2019 Final EIR
- Supplement to the Final EIR (SFEIR)
- Comments to the SFEIR
- Response to Comments to the SFEIR and Errata

(Available by clicking this link due to file size)

DORSEY MARKETPLACE

SUPPLEMENT TO THE FINAL ENVIROMENTAL IMPACT REPORT

SCH# 2016022053
February 2024

Prepared for:

CITY OF GRASS VALLEY
125 E Main Street
Grass Valley, CA, 95945

CONTACT:
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Prepared by:

DUDEK

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Supplement to the Final Environmental Impact Report

Dorsey Marketplace Project

FEBRUARY 2024

Prepared for:

CITY OF GRASS VALLEY
125 E Main Street
Grass Valley, California 95945
Contact: Amy Wolfson

Prepared by:

DUDEK

853 Lincoln Way, Suite 105
Auburn, California 95603
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Appendix N Air Quality and Land Use Handbook: A Community Health Perspective, California Air Resources Board

Appendix O Health Risk Assessment, Dudek

1 Introduction

In April 2020, the City of Grass Valley (City) certified an Environmental Impact Report (EIR; State Clearinghouse Number 2016022053) and approved the Dorsey Marketplace Project. The Project proposes a mixed-use development including commercial, office, and residential uses on the site of the former Spring Hill Mine along State Route (SR) 20/49, bounded by SR 20/49 to the west, Dorsey Drive to the north, commercial property to the south, and residential property to the east. Refer to Section 1.3 for additional details of the Project Description.

The City's certification of the EIR for this Project was challenged in court, and the Court of Appeal found that the EIR did not adequately address potential human health effects associated with mobile source air pollution emanating from SR 20/49. Accordingly, on October 19, 2023, the Nevada County Superior Court issued a judgment and peremptory writ of mandate directing the City to correct the deficiencies in the EIR's analysis of SR 20/49 as a contributor of mobile source emissions, the associated health risks for future Project residents and occupants, and the degree to which the Project's contribution of vehicle trips on SR 20/49 may exacerbate these risks. The judgment and writ also ordered that the City and Project applicant suspend any Project activity or activities that could result in an adverse change or alteration to the physical environment until the City has taken the necessary actions to comply with the California Environmental Quality Act (CEQA, Public Resources Code (PRC) Section 21000 et seq). The Superior Court did not require the City Council to set aside the resolutions by which, in April 2020, the City Council certified the original EIR and approved the Project. Those resolutions stand, although the Project cannot proceed until the City completes the environmental analysis ordered by the two courts.

Consistent with the Superior Court judgment, this Supplement to the Final EIR (SFEIR) has been prepared to present analysis of the potential human health effects due to exposure to mobile source air pollution generated by vehicle traffic on State Route 20/49 for residents within 500 feet of the freeway.

1.1 Background and Purpose of the Supplement to the Final EIR

As noted above, this SFEIR has been prepared to comply with the October 19, 2023, Nevada Superior Court Judgment and Peremptory Writ of Mandate in Case No. CU20-084791, Community Environmental Advocates, Community Environmental Advocates Foundation, Protect Grass Valley and Ralph A. Silberstein (collectively, "Petitioners") v. City of Grass Valley. For ease of reference, these two documents will hereinafter be referred to together as the "Ruling" of the Superior Court; they are included in this SFEIR as Appendix M. This Ruling was the result of litigation that began in the summer of 2020.

On April 28, 2020, the City of Grass Valley certified a Final EIR for the Dorsey Marketplace Project ("Project" or "Dorsey Marketplace") and approved the Project. The Project entitlements include a General Plan Amendment, a Zone Change, a Development Review Permit and a Use Permit for drive-through facilities and a Lot Line Adjustment. The Final EIR consisted of the Draft EIR published in March 2019 and the Final EIR published in November 2019. In August 2020, the adequacy of the Final EIR was challenged by a Petition for Writ of Mandate. The trial court found in favor of the City and the Petitioners appealed that decision.

The Court of Appeal, however, found one problem with the Final EIR – its failure to analyze the potential health effects to Project residents and occupants in the year 2035 due to traffic using SR 20/49. Ruling in early 2023, the Court of Appeal rejected all other arguments made by the Petitioners on appeal. Citing the California Air Resources Board's (CARB) Air Quality and Land Use Handbook: A Community Health Perspective (CARB Handbook, which is included in this SFEIR as Appendix N), the Court of Appeal explained its reasoning on the air quality/health impact issue as follows:

> "The City argues that the EIR did analyze whether the project's contribution to traffic to SR 20/49 could exacerbate existing hazards associated with mobile source pollution. Relying on the CARB Handbook, the City argues the EIR concluded there was no evidence that the project would create a new health risk or substantially exacerbate any existing significant health risks to existing or future residents. We take no issue with the City's reliance on the CARB Handbook as a threshold of significance, but we conclude it was misapplied here.
>
> According to the CARB Handbook, air pollution studies indicate that living close to high traffic roadways may lead to adverse health effects, including asthma and reduced lung function. A key observation in the studies is that proximity to the roadway, truck traffic densities, and local meteorology (wind patterns) were key factors affecting the strength of association with adverse health effects. The studies reported an association of adverse health effects with proximity to traffic-related emissions within 1,000 feet, with the strongest association within 300 feet, and a 70 percent drop off in particulate pollution levels at 500 feet. Based on these studies, the CARB Handbook recommends against siting new residences and other sensitive receptors within 500 feet of a freeway, urban roads with 100,000 vehicles per day, or rural roads with 50,000 vehicles per day.
>
> Under Alternative B [i.e., the project as approved], the nearest residences in the proposed project would be sited about 170 feet from the SR 20/49 travel lanes, well within the 500-foot recommended buffer. The City nevertheless determined that a detailed health risk assessment was not required. Because total traffic volume on SR 20/49 was below the rural significance threshold of 50,000 vehicles per day, the City concluded "there [was] no significant health risk that the project could exacerbate."
>
> Other information in the EIR, however, shows that the average daily traffic volume for SR 20/49 is expected to increase to 56,000 vehicles by 2035, and that the proposed project would add an additional 1,000 daily vehicle trips to that total. Thus, the total traffic volume would exceed the 50,000-daily-vehicles threshold described in the CARB Handbook under existing-plus-project future conditions. Future residents of the project would be exposed to substantial concentrations of toxic air contaminants associated with SR 20/49.
>
> It follows that SR 20/49 is a potentially significant source of hazardous automobile emissions that the proposed project risks exacerbating. As a result, the project's potentially significant exacerbating effects should have been evaluated in the EIR.
>
> Since the EIR failed to evaluate the potential impact of such emissions on future residents and users, the EIR did not contain sufficient analysis to enable those who did not participate in its preparation to understand and meaningfully consider the extent to which the project could adversely affect the health of the project's occupants [citations omitted].
>
> The fact that the project design incorporates certain strategies to minimize exposure to toxic air contaminants does not alter this conclusion. The EIR does not give any sense of the nature or magnitude of the potential health risks posed by the project's proximity to SR

> 20/49, or the relative effectiveness of the pollution reduction strategies. The draft EIR did not even mention SR 20/49 as a potential emission source, let alone quantify the emissions and correlate them to potential health risks. Thus, even if the strategies help minimize exposure to toxic air contaminants, it is impossible on this record to conclude that they reduced the project's potentially significant exacerbating effects to less than significant. We therefore agree with plaintiffs that the EIR failed to evaluate adequately the human health effects of project residents' exposure to mobile source air pollution" (Appendix M).

On October 19, 2023, on remand from the Court of Appeal, the Nevada Superior Court issued its Ruling, which modified the original Superior Court judgment to be consistent with the Court of Appeal opinion and addressed the issue of remedy. The Ruling rejected all but one of the contentions made by the Petitioners regarding the City's compliance with CEQA. The Ruling did determine, however, that the Final EIR did not comply with the requirements of CEQA because "it does not evaluate adequately State Route (SR) 20/49 as a contributor of mobile source pollution and the associated health risks for future project occupants." The Court directed the City to remedy the air quality analysis in the EIR by providing an assessment of the human health effects associated with exposure to mobile source air pollution generated by vehicle traffic on State Route 20/49 for Project residents and occupants, particularly to address whether the Project could exacerbate an environmental hazard because the Final EIR noted that in the year 2035, SR 20/49 was projected to support daily traffic volumes of 56,000 vehicles, which exceeds the 50,000 vehicles per day threshold recommended in the CARB Handbook (Appendix N) regarding the proximity of residential land uses to air pollutant sources (CARB 2005).

1.2 Scope of the Partially Recirculated Draft EIR

Under Public Resources Code Section 21168.9(b), CEQA requires that a court's order include only those mandates that are necessary to achieve compliance with CEQA. Because the Court of Appeal found the Dorsey Marketplace EIR to be deficient only in respect to the lack of a Health Risk Assessment (HRA) and rejected numerous other challenges made to the 2020 Final EIR, that Final EIR is considered to be legally adequate in all other respects. Therefore, this Supplement to the Final EIR (SFEIR) addresses only the issue of potential health effects to future project residents and occupants due to exposure to mobile source air pollution from traffic on SR 20/49, including the Project's potential to exacerbate health effects by contributing traffic to SR 20/49. No other portion of the 2019 EIR is revised or supplemented.

The reasons why the City is treating this environmental document as a Supplement to the April 2020 Final EIR are explained in detail in section 1.4 below. The rules governing the preparation of supplements to EIRs are found in CEQA Guidelines section 15162. (The CEQA Guidelines are found in California Code of Regulations (CCR) Title 14, Division 6, Chapter 3.) Subdivision (b) provides that "[t]he supplement to the EIR need contain only the information necessary to make the previous EIR adequate for the project as revised." Subdivision (c) adds that "[a] supplement to an EIR shall be given the same kind of notice and public review as is given to a draft EIR under Section 15087." Subdivision (d) states that "[a] supplement to an EIR may be circulated by itself without recirculating the previous draft or final EIR."

Consistent with these rules, this SFEIR will be circulated for a 45-day public review without the existing Final EIR. This SFEIR includes a new Air Quality technical section that evaluates the significance of potential health risk impacts based on the findings of the HRA. This document will become part of an updated Final EIR, as will any timely comments received on the SFEIR and written responses to any significant environmental issues raised in those timely comments.

Approach to the Analysis

The environmental analysis contained within this SFEIR augments the previous evaluation of environmental impacts contained in the 2019 EIR to provide a more detailed analysis of potential human health effects due to proximity to SR 20/49. The analysis in this SFEIR relies on information from the 2019 EIR (which includes both the Draft and Final EIRs), as well as the new HRA provided in Appendix O. A detailed discussion of the methodology used to conduct the HRA is presented in Section 2.3.2 of this document. In summary:

- the analysis considers existing residents in the vicinity of the Dorsey Marketplace Project site as well as future Dorsey Marketplace residents and occupants;
- the analysis considers potential effects under the 'no Project' and 'with Project' scenarios in the year 2023 (existing) and year 2035 (cumulative) conditions;
- the analysis considers the potential health effects to receptors at various distances within 1,000 feet of the SR 20/49 travel lanes;
- the analysis focuses on the effects of diesel particulate matter and total organic gases from on-road vehicles, reflecting the total average daily trips and vehicle fleet mix (i.e., percentages of various types of vehicles, such as passenger cars and trucks, light duty trucks, and heavy duty trucks);
- the analysis relies on the results of air dispersion models that calculate how pollutants are transported from the emission source to particular points at various distances from the pollutant source to calculate the concentration of pollutants that are expected to reach existing and future sensitive receptors in the Project vicinity; and
- the conclusions regarding health risk are based on the cancer risk and chronic health effect risks associated with the identified exposure rates.

1.3 Summary Project Description

The 2019 Draft EIR discusses two Alternatives in the Project Description, labeled Alternative A and Alternative B. The City approved Alternative B, which is planned to include development of approximately 172 residential apartments 104,350 square feet of commercial land uses, and 8,500 square feet of office space. A summary of the Alternative B Project components is presented in this section and, for purposes of this document, the terms "Alternative B" and "Project" are used interchangeably. A detailed description of Alternative B is presented in Section 2.5 of the 2019 Draft EIR, beginning on page 2-10; the 2019 Draft EIR is available at the City's website:

https://www.cityofgrassvalley.com/pod/active-projects

The Project site consists of 26.8 acres within three parcels located on the south side of Dorsey Drive. Land uses surrounding the site include multi-family residential to the north and east, SR 20/49 to the west, and commercial property to the south.

In approving Alternative B, the City Council approved a General Plan Amendment and rezone changing the land use designation on the site from Business Park (26.8 acres) to Commercial (14.5 acres) and Residential Urban High Density (12.3 acres). Alternative B also required a rezone from Corporate Business Park to 14.5 acres of Commercial (C-2) and 12.3 acres of Multiple Dwelling Residential (R-3).

As shown in Figure 1, Site Plan, Alternative B would develop 104,350 square feet of commercial uses, including two major shops (35,000 and 21,500 square feet), five smaller shops (with sizes between 4,000 and 8,500 square feet), three pads for drive-through services such as fast-food and financial institutions (sizes between 3,200 and 4,200 square feet) and one 6,000-sqare-foot pad that would support food service without a drive-through. The commercial uses would be placed throughout the northern portion of the Project site, with the major shops and two of the small shops along the western boundary, the restaurant pads in the northeastern portion of the site near the Project site entrance on Dorsey Drive, and the additional three small shops completing the southwestern portion of the commercial area perimeter. Parking would be provided central to all of the commercial uses, and would include electric vehicle charging stations.

The 172 residential apartments included in Alternative B would be constructed as two-story and three-story buildings in the southern portion of the Project site. The apartments would be market-rate rental units and are expected to include 95 two-bedroom units and 38 each of the one- and three-bedroom layouts. The units would range in size from 1,013 to 1,600 square feet. One of the buildings would include approximately 50% apartment space and 50% office space, providing 8,500 square feet of office space near the center of the Project site. The Project would also include an apartment complex clubhouse, pool, tot lot, and dog park.

Vehicles would circulate through the Project site using a north-south central spine road connecting to Dorsey Drive on the north and Spring Hill Drive on the south. Bicycle lanes would be striped on each side of the street and bus stop shelters would be provided near the center of the site. A network of landscaped walkways and pedestrian plazas would be provided throughout the Project site.

Several Project elements would serve to reduce potential air quality effects on residents and occupants at the project site. These include:

- Under Mitigation Measure 9a, a 6-foot-tall sound wall will be constructed in the southwestern portion of the project site, between the residences proposed in that portion of the site and SR 20/49. Findings of CARB's Technical Advisory: Strategies to Reduce Air Pollution Exposure Near High-Volume Roadways indicate that these sound walls would provide vertical dispersion of pollutants which would reduce the concentration of toxic air contaminants within the Project site (CARB 2017).
- Under Mitigation Measure 5a, landscaping meeting specific performance standards regarding the density and height of vegetation would be installed within the minimum 50-foot-wide buffer between the SR 20/49 Dorsey Drive off-ramp and the onsite parking lots. Findings of CARB's Technical Advisory: Strategies to Reduce Air Pollution Exposure Near High-Volume Roadways indicate that particulate matter can be deposited on vegetation, which would reduce the concentration of toxic air contaminants within the Project site (CARB 2017).
- The proposed buildings nearest SR 20/49 under Alternative B are comprised of two apartment buildings separated by a drive aisle and parking spaces. This creates an open area between the

buildings that allows for air flow to disperse pollutants as indicted by the findings of CARB's Technical Advisory: Strategies to Reduce Air Pollution Exposure Near High-Volume Roadways Technical Advisory that features such as "building articulations (street frontage design elements like edges and corners that help break up building mass), and spaces that encourage air flow (e.g., parks)" reduce individuals' exposure to air pollution and associated health effects (CARB 2017).

1.4 Public Review of the Supplement to Final EIR

Because the court directed the City to suspend all Project activities that could result in an adverse change or alteration to the physical environment until the City has taken the necessary actions to comply with CEQA, the status of the City's environmental review process for the Project is akin to that of a lead agency that has certified an EIR, but determined that "some changes or additions are necessary but none of the conditions described in Section 15162 calling for preparation of a subsequent EIR have occurred," As stated in CEQA Guidelines Section 15164. Thus, the legal principles applicable in such a situation are relevant.

PRC Section 21166 provides that no subsequent or supplemental EIR will be required unless "substantial changes" to the project or circumstances require "major revisions" to the EIR, or "new information, which was not known and could not have been known at the time the environmental impact report was certified as complete, becomes available." CEQA Guidelines Section 15162(a)(3), provides further guidance on the types of "new information" that trigger the need for a subsequent EIR. Specifically, the new information must be of "substantial importance" and show:

"a) The project will have one or more significant effects not discussed in the previous EIR or negative declaration;

b) Significant effects previously examined will be substantially more severe than shown in the previous EIR;

c) Mitigation measures or alternatives previously found not to be feasible would in fact be feasible and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or

d) Mitigation measures or alternatives which are considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative."

CEQA Guidelines Section 15163 addresses the circumstances in which a supplement to an EIR, rather than a full subsequent EIR, should be prepared. Subdivision (a) of that section provides that "The Lead or Responsible Agency may choose to prepare a supplement to an EIR rather than a subsequent EIR if: (1) Any of the conditions described in Section 15162 would require the preparation of a subsequent EIR, and (2) Only minor additions or changes would be necessary to make the previous EIR adequately apply to the project in the changed situation."

In the absence of circumstances triggering either a subsequent EIR or a supplement to an EIR under PRC Section 21166 and CEQA Guidelines Sections 15162 and 15163, CEQA Guidelines Section 15164 permits the agency to prepare an addendum with any necessary "changes or additions" to the previously certified EIR. Section 15164 further provides that an addendum need not be circulated for public comment but can be included with the final EIR and "shall" be considered by the decision-making body along with the final EIR "prior to making a decision on the project." Here, the Court's Ruling requires the City to consider this

document in determining whether the deficiencies identified in the Ruling have been adequately addressed before "choos[ing] to permit the implementation of any and all previously suspended Project activities and Project Approvals."

As established by the analysis included in this document, none of the conditions in CEQA Guidelines Section 15162 have occurred. Nor is there any need to prepare a supplement to the prior EIR pursuant to Section 15163. Nevertheless, because the deficiency in the Final EIR identified by the Ruling was the failure "to analyze SR 20/49 as a contributor of mobile source emissions and the associated health risks for future Project residents and occupants" and because the public has not had an opportunity to comment on this "analysis of SR 20/49 as a contributor of mobile source emissions and the associated health risks for future Project residents and occupants," the City has elected to circulate this document for public comment and has decided to call it a Supplement to the November 2019 Final EIR.[1] After this SFEIR is circulated for public review and the City has responded in writing to all public comments raising "significant environmental issues" related to the revised air quality analysis included in this document, this SFEIR, together with those responses, will be added to the original November 2019 Final EIR in order to create a new Final EIR. Once that document is ready, it will be submitted to the City Council for possible certification. If the City Council certifies the new Final EIR, the previously suspended Project activities will be able to proceed.

In light of the foregoing, the City directs that public comments submitted in response to the SFEIR address only the new information presented herein, specifically Draft EIR Impact 10-4 (which is addressed in this SFEIR as Impact 2.4.1) and the HRA (Appendix O), and shall not address all other impacts and analysis presented in the remainder of the 2019 Final EIR which are not being recirculated. Because the Final EIR was upheld in all other respects, the portions of that document other than those that are being changed and/or updated are not in contention. In other words, the recirculation of the SFEIR is not an opportunity to re-submit comments on previously published topics or to add additional comments on previously published topics. Readers are therefore requested not to make comments on issues not directly implicated by this SFEIR and the City will not respond to any new comments that are directed to other portions of the November 2019 Final EIR.

The SFEIR will be subject to review and comment by the public, as well as all responsible agencies and other interested parties, agencies and organizations for a period of no less than 45 days. The SFEIR will be available for public review and comments during the period from February 3, 2023, through March 19, 2023. Comments should be sent to the City at the following address:

[1] The City's decision to undertake formal public review is done on a voluntary basis. Where a court has found flaws in an EIR and remands the matter back to the lead agency for further work, the process required on remand is a function of whether the changes to be made to the EIR would constitute "significant new information" triggering full or partial recirculation or, as here, a subsequent EIR or supplement to an EIR. (*Protect the Historic Amador Waterways v. Amador Water Agency* (2004) 116 Cal.App.4th 1099, 1112; *Lotus v. Department of Transportation* (2014) 223 Cal.App.4th 645, 658.) Here, neither the Court of Appeal nor the Superior Court ordered public review. The City has opted to do so, with the applicant's agreement, out of a desire to maximize transparency and to facilitate additional public input.

Ms. Amy Wolfson
City of Grass Valley
125 E. Main Street
Grass Valley, California 95945

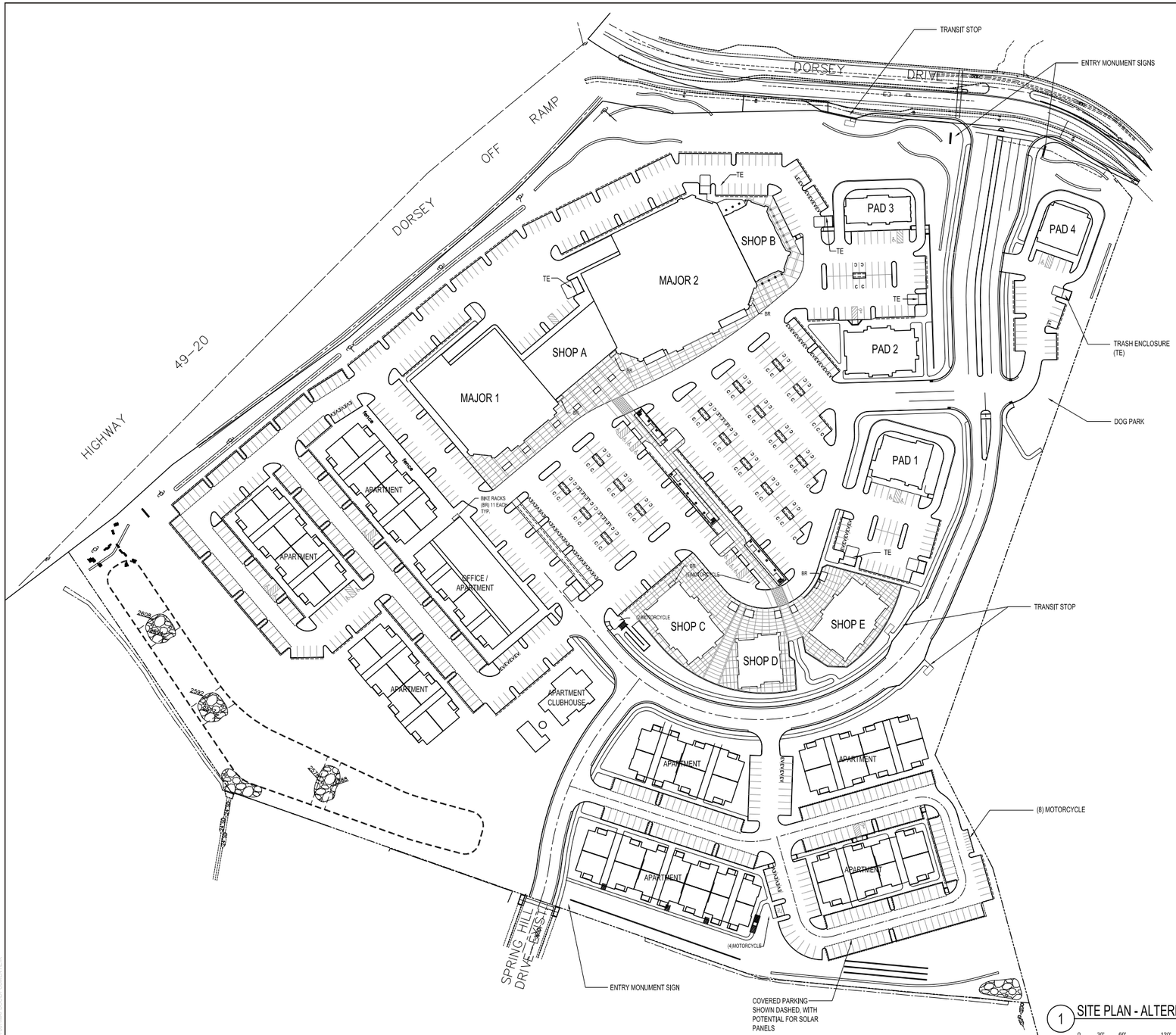
or by email directed to Ms. Wolfson at: awolfson@cityofgrassvalley.com.

Following the close of the comment period, the City will prepare written responses to any significant environmental issues raised in timely comments on the SFEIR. These responses will be folded into a new Final EIR that will consist of the original (November 2019) Final EIR, the SFEIR, and the new responses to comments (and any Errata that might be generated during review of comments on the SFEIR). These documents, taken together, will comprise the modified and expanded Final EIR for the Project.

Once they are complete, the new responses to comments will be published and made available to commenting agencies (if any) a minimum of ten days prior to a hearing by the Grass Valley City Council to consider whether to certify the new Final EIR. As stated above, the City will consider this SFEIR document, along with any public comments raising "significant environmental issues" related to the revised air quality analysis included in this document, and any written responses to comments in determining whether the deficiencies identified in the Ruling and Modified Opinion have been adequately addressed before "choos[ing] to permit the implementation of any and all previously suspended Project activities and Project Approvals." Once the City Council is satisfied that the deficiencies identified in the Ruling have been adequately addressed, the City will file a Return to the Writ, as directed by the trial court in paragraph 2 of the Peremptory Writ of Mandate.

1.5 References Cited

California Air Resources Board (CARB). 2017. Technical Advisory *Strategies to Reduce Air Pollution Exposure Near High-Volume Roadways.* April 2017.



1 SITE PLAN - ALTERNATIVE

0 30' 60' 120'

N

BUILDING AREA DATA:

RETAIL / COMMERCIAL AREA:	
MAJOR 1	21,500 SF
MAJOR 2	35,000 SF
SHOP A	8,500 SF
SHOP B	5,650 SF
SHOP C	6,400 SF
SHOP D	4,000 SF
SHOP E	6,400 SF
PAD 1	4,200 SF
PAD 2	6,000 SF
PAD 3	3,200 SF
PAD 4	3,500 SF
TOTAL RETAIL / COMMERCIAL AREA:	104,350 SF
TOTAL OFFICE AREA:	8,500 SF
AREA OF APARTMENT CLUBHOUSE:	3,260 SF + -
RESIDENTIAL	
3 BEDROOM APARTMENTS: (1600SF +- PER UNIT)	38 UNITS
2 BEDROOM APARTMENTS: (1340 SF +- PER UNIT)	95 UNITS
1 BEDROOM APARTMENTS: (1013 SF +- PER UNIT)	38 UNITS
TOTAL NUMBER OF APARTMENTS	171 UNITS

PARKING DATA:

PARKING REQUIRED :	
REQUIRED PARKING COMMERCIAL BEFORE BICYCLE SUBSTITUTION (4/1000) :	417 STALLS
** REQUIRED PARKING COMMERCIAL AFTER BICYCLE SUBSTITUTION :	412 STALLS
***REQUIRED PARKING COMMERCIAL AFTER MOTORCYCLE SUBSTITUTION :	410 STALLS
REQUIRED ACCESSIBLE PARKING (2% OF TOTAL PARKING PROVIDED)	12 STALLS
REQUIRED BIKE PARKING (10% OF TOTAL PARKING PROVIDED)	0.1 * 568 = 57 BIKE RACKS
REQ. CLEAN AIR / VAN POOL / EV : (AS REQUIRED BY CAL GREEN)	0.08 * 568 = 46 STALLS
REQ. FUTURE ELECTRIC VEHICLE CHARGING STATION: (AS REQ. BY CAL GREEN)	0.06 * 568 = 35 STALLS
REQUIRED OFFICE PARKING (1:400)	22 STALLS
RETAIL / COMMERCIAL PARKING PROVIDED :	
- STANDARD STALLS PROVIDED:	447 STALLS
- COMPACT STALLS PROVIDED:	77 STALLS (13% < 20% ALLOWED, THUS OK)
- ACCESSIBLE PARKING:	14 STALLS (12 > 15 STALLS, THUS OK)
- MOTORCYCLE ***	5 SPACES
- BIKE RACKS	57 BIKE RACKS
- CLEAN AIR / VAN POOL / EV : (STRIPED AND INDICATED ON SITE PLAN AS 'LE'. PART OF TOTAL STANDARD STALLS)	46 STALLS
- FUTURE ELECTRIC VEHICLE CHARGING: (INDICATED ON SITE PLAN AS 'EV' PART OF 'LE' STALL COUNT)	35 STALLS
RESIDENTIAL PARKING PROVIDED:	
- STANDARD STALLS (COVERED) PROVIDED:	304 STALLS
- STANDARD STALLS (UNCOVERED) PROVIDED:	74 STALLS
- ACCESSIBLE PARKING PROVIDED:	10 STALLS (REQ. IS 2% OF TOTAL = 8 STALLS)
- MOTORCYCLE	7 SPACES
- FUTURE ELECTRIC VEHICLE CHARGING (INDICATED ON SITE PLAN AS 'EV' PART OF STANDARD STALL COUNT)	12 STALLS (3% OF PARKING PROVIDED)
OFFICE PARKING PROVIDED:	
- STANDARD STALLS	28 STALLS
- ACCESSIBLE PARKING PROVIDED:	1 STALL
OTHER PARKING:	
** SUBSTITUTION FOR AUTOMOBILE PARKING IS (1) STALL PER 8 BICYCLE RACKS, UP TO 10% MAXIMUM OF REQUIRED VEHICLE SPACES	** 417 X 10% = 41 / 8 = 5 STALL REDUCTION
MOTORCYCLE SPACES ALLOWED:	$\frac{1}{25}$, UP TO 10% MAX. OF REQUIRED VEHICLES
***SUBSTITUTION FOR AUTOMOBILE PARKING IS (1) SPACE PER 25 MOTORCYCLE SPACES, UP TO 10% MAXIMUM OF REQUIRED VEHICLE SPACE	***417 X 10% = 41 SPACES 41/ 25 = 2 SPACE REDUCTION (5 MOTORCYCLE SPACES PROVIDED , 41 ALLOWED, THUS "OK")

SOURCE: Williams + Paddon 2017

FIGURE 1

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2 Air Quality

This section describes the existing air quality conditions present within and around the Dorsey Marketplace (Project) site and vicinity, identifies associated regulatory requirements, and evaluates potential human health impacts related to air pollution emissions resulting from operation of the Project. Emissions from construction activities are not addressed because neither the Court of Appeal nor the Superior Court found any inadequacy in the existing analysis of construction emissions. As discussed in Chapter 1, Introduction, this analysis is focused on the potential human health effects associated with mobile source air pollution (from trucks and cars) due to the Project site's proximity to State Route 20/49 and the Project's contribution to SR 20/49 traffic volumes.

The Project is located adjacent to SR 20/49, which currently has an average daily traffic (ADT) volume of over 30,000 vehicles (Caltrans 2023). This section of the Supplement to the Final Environmental Impact Report (SFEIR) for the Project presents the findings of a Health Risk Assessment (HRA) analysis that estimates health risk impacts from roadway toxic air contaminants (TACs) at new residences, visitors, and employees at the commercial uses proposed by the Project as well as health risks associated with existing sensitive receptors within 1,000 feet of SR 20/49. The analysis in this HRA is based on dispersion modeling completed using the American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) Version 21112 and the Hotspots Analysis and Reporting Program Version 2 (HARP2) to evaluate potential health risks associated with the Project. The Bay Area Air Quality Management District (BAAQMD) thresholds of significance were used to address health impacts because the Northern Sierra Air Quality Management District (NSAQMD) has not established an equivalent approach, particularly for fine particulate matter ($PM_{2.5}$) risk. For the relevant data, refer to Appendix N, Health Risk Assessment Data (prepared by Dudek in October 2023).

Additional sources reviewed to prepare this section include the BAAQMD California Environmental Quality Act (CEQA) Air Quality Guidelines and the Office of Environmental Health Hazards Assessment's (OEHHA) 2015 Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments. Other sources consulted are listed in Section 2.5, References Cited.

2.1 Environmental Setting

Ambient air quality is generally affected by climatological conditions, the topography of the air basin, and the type and amounts of pollutants emitted. The Project site is located within the Mountain Counties Air Basin (MCAB). The MCAB includes portions of Amador, Calaveras, El Dorado, Mariposa, Nevada, Placer, Plumas, Sierra, and Tuolumne counties and is comprised of seven air districts. Nevada, Plumas, and Sierra counties are under the jurisdiction of the NSAQMD. This section describes relevant characteristics of the air basin, types of air pollutants, health effects, and existing air quality levels.

2.1.1 Climate and Topography

Mild, wet winters and hot, dry summers characterize the climate of central and western Nevada County. Precipitation generally occurs between November and April. Prevailing winds are from the south and southwest, and local air quality is influenced by the transportation of emissions from upwind mobile and stationary pollution sources in Placer County, the Sacramento metropolitan area, and the San Francisco Bay area.

Air quality in western Nevada County is also affected by inversion layers, which occur when a layer of warm air traps a layer of cold air beneath it, preventing vertical dispersion of air contaminants. Calm atmospheric conditions that contribute to the creation of these inversion layers frequently occur in the region during late fall and early spring. The presence of an inversion layer results in higher concentrations of pollutants near ground level.

2.1.2 Criteria Air Pollutants

Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. The national and California standards have been set, with an adequate margin of safety, at levels above which concentrations could be harmful to human health and welfare. These standards are designed to protect the most sensitive persons from illness or discomfort. Pollutants of concern include ozone (O_3), nitrogen dioxide (NO_2), CO, sulfur dioxide (SO_2), coarse particulate matter (PM_{10}), fine particulate matter ($PM_{2.5}$), and lead. In California, sulfates, vinyl chloride, hydrogen sulfide, and visibility-reducing particles are also regulated as criteria air pollutants. These pollutants, as well as TACs, are discussed in the following paragraphs.[1]

Ozone. O_3 is a strong-smelling, pale blue, reactive, toxic chemical gas consisting of three oxygen atoms. It is a secondary pollutant formed in the atmosphere by a photochemical process involving the sun's energy and O_3 precursors. These precursors are mainly oxides of Nitrogen (NO_x) and Reactive Organic Gasses (ROGs). The maximum effects of precursor emissions on O_3 concentrations usually occur several hours after they are emitted and many miles from the source. Meteorology and terrain play major roles in O_3 formation, and ideal conditions occur during summer and early autumn on days with low wind speeds or stagnant air, warm temperatures, and cloudless skies. O_3 exists in the upper atmosphere ozone layer (stratospheric O_3) and at the Earth's surface in the troposphere (ground-level O_3).[2] The O_3 that the U.S. Environmental Protection Agency (EPA) and the California Air Resources Board (CARB) regulate as a criteria air pollutant is produced close to the ground level, where people live, exercise, and breathe. Ground-level O_3 is a harmful air pollutant that causes numerous adverse health effects and is thus considered "bad" O_3. Stratospheric, or "good," O_3 occurs naturally in the upper atmosphere, where it reduces the amount of ultraviolet light (i.e., solar radiation) entering the Earth's atmosphere. Without the protection of the beneficial stratospheric O_3 layer, plant and animal life would be seriously harmed.

O_3 in the troposphere causes numerous adverse health effects; short-term exposures (lasting for a few hours) to O_3 at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes (EPA 2013).

Inhalation of O_3 causes inflammation and irritation of the tissues lining human airways, causing and worsening a variety of symptoms. Exposure to O_3 can reduce the volume of air that the lungs breathe in, thereby causing shortness of breath. O_3 in sufficient doses increases the permeability of lung cells, rendering them more susceptible to toxins and microorganisms. The occurrence and severity of health effects from O_3 exposure vary widely among individuals, even when the dose and the duration of exposure are the same. Research shows adults and children who spend more time outdoors participating in vigorous physical activities are at greater risk from the harmful health effects of O_3 exposure. While there are relatively few studies on the effects of O_3 on children, the available studies show that

[1] The descriptions of the criteria air pollutants and associated health effects are based on the U.S. Environmental Protection Agency's "Criteria Air Pollutants" (EPA 2022a), as well as the California Air Resources Board's "Glossary" (CARB 2019a) and CARB's "Common Air Pollutants" (CARB 2022a).

[2] The troposphere is the layer of the Earth's atmosphere nearest to the surface of the Earth. The troposphere extends outward about 5 miles at the poles and about 10 miles at the equator.

children are no more or less likely to suffer harmful effects than adults. However, there are a number of reasons why children may be more susceptible to O_3 and other pollutants. Children and teens spend nearly twice as much time outdoors and engaged in vigorous activities as adults. Children breathe more rapidly than adults and inhale more pollution per pound of their body weight than adults. Also, children are less likely than adults to notice their own symptoms and avoid harmful exposures. Further research may be able to better distinguish between health effects in children and adults. Children, adolescents, and adults who exercise or work outdoors, where O_3 concentrations are the highest, are at the greatest risk of harm from this pollutant (CARB 2019b).

Nitrogen Dioxide. NO_2 is a brownish, highly reactive gas that is present in all urban atmospheres. The major mechanism for the formation of NO_2 in the atmosphere is the oxidation of the primary air pollutant nitric oxide (NO), which is a colorless, odorless gas. NO_x plays a major role, together with ROGs, in the atmospheric reactions that produce O_3. NO_x is formed from fuel combustion under high temperature or pressure. In addition, NO_x is an important precursor to acid rain and may affect both terrestrial and aquatic ecosystems. The two major emissions sources are transportation and stationary fuel combustion sources such as electric utility and industrial boilers. NO_2 can irritate the lungs, cause bronchitis and pneumonia, and lower resistance to respiratory infections (EPA 2016).

A large body of health science literature indicates that exposure to NO_2 can induce adverse health effects. The strongest health evidence, and the health basis for the ambient air quality standards for NO_2, results from controlled human exposure studies that show that NO_2 exposure can intensify responses to allergens in allergic asthmatics. In addition, a number of epidemiological studies have demonstrated associations between NO_2 exposure and premature death, cardiopulmonary effects, decreased lung function growth in children, respiratory symptoms, emergency room visits for asthma, and intensified allergic responses. Infants and children are particularly at risk because they have disproportionately higher exposure to NO_2 than adults due to their faster breathing rate for their body weight and their typically greater outdoor exposure duration. Several studies have shown that long-term NO_2 exposure during childhood, the period of rapid lung growth, can lead to smaller lungs at maturity in children with higher levels of exposure compared to children with lower exposure levels. In addition, children with asthma have a greater degree of airway responsiveness compared with adult asthmatics. In adults, the greatest risk is to people who have chronic respiratory diseases, such as asthma and chronic obstructive pulmonary disease (CARB 2019c).

Carbon Monoxide. CO is a colorless, odorless gas formed by the incomplete combustion of hydrocarbon, or fossil fuels. CO is emitted almost exclusively from motor vehicles, power plants, refineries, industrial boilers, ships, aircraft, and trains. In urban areas, such as the Project location, automobile exhaust accounts for the majority of CO emissions. CO is a nonreactive air pollutant that dissipates relatively quickly; therefore, ambient CO concentrations generally follow the spatial and temporal distributions of vehicular traffic. CO concentrations are influenced by local meteorological conditions—primarily wind speed, topography, and atmospheric stability. CO from motor vehicle exhaust can become locally concentrated when surface-based temperature inversions are combined with calm atmospheric conditions, which is a typical situation at dusk in urban areas from November to February. The highest levels of CO typically occur during the colder months of the year, when inversion conditions are more frequent.

CO is harmful because it binds to hemoglobin in the blood, reducing the ability of blood to carry oxygen. This interferes with oxygen delivery to the body's organs. The most common effects of CO exposure are fatigue, headaches, confusion and reduced mental alertness, light-headedness, and dizziness due to inadequate oxygen delivery to the brain. For people with cardiovascular disease, short-term CO exposure can further reduce their body's already compromised ability to respond to the increased oxygen demands of exercise, exertion, or stress. Inadequate oxygen delivery to the heart muscle leads to chest pain and decreased exercise tolerance. Unborn babies whose mothers experience high levels of CO exposure during pregnancy are at risk of adverse developmental

effects. Unborn babies, infants, elderly people, and people with anemia or with a history of heart or respiratory disease are most likely to experience health effects with exposure to elevated levels of CO (CARB 2019d).

Sulfur Dioxide. SO_2 is a colorless, pungent gas formed primarily from incomplete combustion of sulfur-containing fossil fuels. The main sources of SO_2 are coal and oil used in power plants and industries; as such, the highest levels of SO_2 are generally found near large industrial complexes. In recent years, SO_2 concentrations have been reduced by the increasingly stringent controls placed on stationary source emissions of SO_2 and limits on the sulfur content of fuels.

Controlled human exposure and epidemiological studies show that children and adults with asthma are more likely to experience adverse responses with SO_2 exposure, compared with the non-asthmatic population. Effects at levels near the 1-hour standard are those of asthma exacerbation, including bronchoconstriction accompanied by symptoms of respiratory irritation such as wheezing, shortness of breath, and chest tightness, especially during exercise or physical activity. Also, exposure at elevated levels of SO_2 (above 1 part per million [ppm]) results in increased incidence of pulmonary symptoms and disease, decreased pulmonary function, and increased risk of mortality. Older people and people with cardiovascular disease or chronic lung disease (such as bronchitis or emphysema) are most likely to experience these adverse effects (CARB 2019e).

SO_2 is of concern both because it is a direct respiratory irritant and because it contributes to the formation of sulfate and sulfuric acid in particulate matter (NRC 2005). People with asthma are of particular concern, both because they have increased baseline airflow resistance and because their SO_2-induced increase in airflow resistance is greater than in healthy people, and it increases with the severity of their asthma (NRC 2005). SO_2 is thought to induce airway constriction via neural reflexes involving irritant receptors in the airways (NRC 2005).

Particulate Matter. Particulate matter pollution consists of very small liquid and solid particles floating in the air, which can include smoke, soot, dust, salts, acids, and metals. Particulate matter can form when gases emitted from industries and motor vehicles undergo chemical reactions in the atmosphere. $PM_{2.5}$ and PM_{10} represent fractions of particulate matter. PM_{10} consists of particulate matter that is 10 microns or less in diameter, which is about 1/7 the thickness of a human hair. Major sources of PM_{10} include crushing or grinding operations; dust stirred up by vehicles traveling on roads; wood-burning stoves and fireplaces; dust from construction, landfills, and agriculture; wildfires and brush/waste burning; industrial sources; windblown dust from open lands; and atmospheric chemical and photochemical reactions. $PM_{2.5}$ consists of particulate matter that is 2.5 microns or less in diameter, which is roughly 1/28 the diameter of a human hair. $PM_{2.5}$ results from fuel combustion (e.g., from motor vehicles and power generation and industrial facilities), residential fireplaces, and woodstoves. In addition, $PM_{2.5}$ can be formed in the atmosphere from gases such as SO_x, NO_x, and ROG.

$PM_{2.5}$ and PM_{10} pose a greater health risk than larger-size particles. When inhaled, these tiny particles can penetrate the human respiratory system's natural defenses and damage the respiratory tract. $PM_{2.5}$ and PM_{10} can increase the number and severity of asthma attacks, cause or aggravate bronchitis and other lung diseases, and reduce the body's ability to fight infections. Very small particles of substances such as lead, sulfates, and nitrates can cause lung damage directly or be absorbed into the bloodstream, causing damage elsewhere in the body. Additionally, these substances can transport adsorbed gases such as chlorides or ammonium into the lungs, also causing injury. Whereas PM_{10} tends to collect in the upper portion of the respiratory system, $PM_{2.5}$ is so tiny that it can penetrate deeper into the lungs and damage lung tissue. Suspended particulates also damage and discolor surfaces on which they settle and produce haze and reduce regional visibility.

A number of adverse health effects have been associated with exposure to both $PM_{2.5}$ and PM_{10}. For $PM_{2.5}$, short-term exposures (up to 24-hour duration) have been associated with premature mortality, increased hospital admissions for heart or lung causes, acute and chronic bronchitis, asthma attacks, emergency room visits, respiratory symptoms, and restricted activity days. These adverse health effects have been reported primarily in infants, children, and older adults with preexisting heart or lung diseases. In addition, of all the common air pollutants, $PM_{2.5}$ is associated with the greatest proportion of adverse health effects related to air pollution, both in the United States and worldwide, based on the World Health Organization's Global Burden of Disease Project. Short-term exposures to PM_{10} have been associated primarily with worsening of respiratory diseases, including asthma and chronic obstructive pulmonary disease, leading to hospitalization and emergency department visits (CARB 2017).

Long-term exposure (months to years) to $PM_{2.5}$ has been linked to premature death, particularly in people who have chronic heart or lung diseases, and reduced lung function growth in children. The effects of long-term exposure to PM_{10} are less clear, although several studies suggest a link between long-term PM_{10} exposure and respiratory mortality. The International Agency for Research on Cancer published a review in 2015 that concluded that particulate matter in outdoor air pollution causes lung cancer (CARB 2017a).

Lead. Lead in the atmosphere occurs as particulate matter. Sources of lead include leaded gasoline; the manufacturing of batteries, paints, ink, ceramics, and ammunition; and secondary lead smelters. Prior to 1978, mobile emissions were the primary source of atmospheric lead. Between 1978 and 1987, the phaseout of leaded gasoline reduced the overall inventory of airborne lead by nearly 95%. With the phaseout of leaded gasoline, secondary lead smelters, battery recycling, and manufacturing facilities are becoming lead-emissions sources of greater concern.

Prolonged exposure to atmospheric lead poses a serious threat to human health. Health effects associated with exposure to lead include gastrointestinal disturbances, anemia, kidney disease, and in severe cases, neuromuscular and neurological dysfunction. Of particular concern are low-level lead exposures during infancy and childhood. Such exposures are associated with decrements in neurobehavioral performance, including intelligence quotient (IQ) performance, psychomotor performance, reaction time, and growth. Children are highly susceptible to the effects of lead.

Sulfates. Sulfates are the fully oxidized form of sulfur and typically occur in combination with metals or hydrogen ions. Sulfates are produced from reactions of SO_2 in the atmosphere and can result in respiratory impairment, as well as reduced visibility.

Vinyl Chloride. Vinyl chloride is a colorless gas with a mild, sweet odor, which has been detected near landfills, sewage plants, and hazardous waste sites, due to the microbial breakdown of chlorinated solvents. Short-term exposure to high levels of vinyl chloride in air can cause nervous system effects, such as dizziness, drowsiness, and headaches. Long-term exposure through inhalation can cause liver damage, including liver cancer.

Hydrogen Sulfide. Hydrogen sulfide is a colorless and flammable gas that has a characteristic odor of rotten eggs. Sources of hydrogen sulfide include geothermal power plants, petroleum refineries, sewers, and sewage treatment plants. Exposure to hydrogen sulfide can result in nuisance odors, as well as headaches and breathing difficulties at higher concentrations.

Visibility-Reducing Particles. Visibility-reducing particles are any particles in the air that obstruct the range of visibility. Effects of reduced visibility can include obscuring the viewshed of natural scenery, reducing airport safety, and discouraging tourism. Sources of visibility-reducing particles are the same as for $PM_{2.5}$.

Reactive Organic Gases. Hydrocarbons are organic gases that are formed from hydrogen and carbon and sometimes other elements. Hydrocarbons that contribute to formation of O_3 are referred to and regulated as ROGs or VOCs. Combustion engine exhaust, oil refineries, and fossil-fueled power plants are the sources of hydrocarbons. Other sources of hydrocarbons include evaporation from petroleum fuels, solvents, dry-cleaning solutions, and paint.

The primary health effects of ROGs result from the formation of O_3 and its related health effects. High levels of ROGs in the atmosphere can interfere with oxygen intake by reducing the amount of available oxygen through displacement. Carcinogenic forms of hydrocarbons, such as benzene, are considered TACs. There are no separate ambient air quality standards for ROGs as a group.

2.1.3 Toxic Air Contaminants

A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute and/or chronic noncancer health effects. A toxic substance released into the air is considered a TAC. TACs are identified by federal and state agencies based on a review of available scientific evidence. In the state of California, TACs are identified through a two-step process that was established in 1983 under the Toxic Air Contaminant Identification and Control Act. This two-step process of (1) risk identification and (2) risk management and reduction was designed to protect residents from the health effects of toxic substances in the air. In addition, the California Air Toxics "Hot Spots" Information and Assessment Act, Assembly Bill (AB) 2588, was enacted by the legislature in 1987 to address public concern over the release of TACs into the atmosphere. The law requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years.

Examples include certain aromatic and chlorinated hydrocarbons, certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources, such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources, such as automobiles, including tailpipe emissions, braking, and tire wear; and area sources, such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ systems and may be experienced on either short-term (acute) or long-term (chronic) exposure to a given TAC.

Diesel Particulate Matter. Diesel particulate matter (DPM) is part of a complex mixture that makes up diesel exhaust. Diesel exhaust is composed of two phases, gas and particle, both of which contribute to health risks. More than 90% of DPM is less than 1 micrometer in diameter (about 1/70 the diameter of a human hair), and thus is a subset of $PM_{2.5}$ (CARB 2019f). DPM is typically composed of carbon particles ("soot," also called black carbon) and numerous organic compounds, including over 40 known cancer-causing organic substances. Examples of these chemicals include polycyclic aromatic hydrocarbons, benzene, formaldehyde, acetaldehyde, acrolein, and 1,3-butadiene (CARB 2019f). CARB classified "particulate emissions from diesel-fueled engines" (i.e., DPM) (17 CCR 93000) as a TAC in August 1998. DPM is emitted from a broad range of diesel engines: on-road diesel engines, including trucks, buses, and cars, and off-road diesel engines, including locomotives, marine vessels, and heavy-

duty construction equipment, among others. Approximately 70% of all airborne cancer risk in California is associated with DPM (CARB 2000). To reduce the cancer risk associated with DPM, CARB adopted a diesel risk reduction plan in 2000 (CARB 2000). Because it is part of $PM_{2.5}$, DPM also contributes to the same noncancer health effects as $PM_{2.5}$ exposure. These effects include premature death; hospitalizations and emergency department visits for exacerbated chronic heart and lung disease, including asthma; increased respiratory symptoms; and decreased lung function in children. Several studies suggest that exposure to DPM may also facilitate development of new allergies (CARB 2019f). Those most vulnerable to noncancer health effects are children, whose lungs are still developing, and older people, who often have chronic health problems.

2.1.4 Nevada County Attainment Designation

Pursuant to the 1990 federal Clean Air Act amendments, EPA classifies air basins (or portions thereof) as "attainment" or "nonattainment" for each criteria air pollutant, based on whether the National Ambient Air Quality Standards (NAAQS) have been achieved. Generally, if the recorded concentrations of a pollutant are lower than the standard, the area is classified as in attainment for that pollutant. If an area exceeds the standard, the area is classified as in nonattainment for that pollutant. If there are not enough data available to determine whether the standard is exceeded in an area, the area is designated as unclassified or unclassifiable. The designation of *unclassifiable/attainment* means that the area meets the standard or is expected to be meet the standard despite a lack of monitoring data. Areas that achieve the standards after a nonattainment designation are redesignated as maintenance areas and must have approved Maintenance Plans to ensure continued attainment of the standards. The California Clean Air Act, like its federal counterpart, called for the designation of areas as in attainment or nonattainment, but based on California Ambient Air Quality Standards (CAAQS) rather than the NAAQS. Table 2-1 depicts the current attainment status of Nevada County with respect to the NAAQS and CAAQS.

Table 2-1. Nevada County Attainment Classification

Pollutant	Designation/Classification	
	NAAQS	CAAQS
Ozone (O_3), 1-hour	No NAAQS	**Nonattainment**
Ozone (O_3), 8-hour	**Nonattainment–serious**	**Nonattainment**
Nitrogen dioxide (NO_2)	Unclassifiable/attainment	Attainment
Carbon monoxide (CO)	Unclassifiable/attainment	Unclassified
Sulfur dioxide (SO_2)	Unclassifiable/attainment	Attainment
Coarse particulate matter (PM_{10})	Unclassifiable/attainment	**Nonattainment**
Fine particulate matter ($PM_{2.5}$)	Unclassifiable/attainment	Unclassified
Lead	Unclassifiable/attainment	Attainment
Hydrogen sulfide	No NAAQS	Unclassified
Sulfates	No NAAQS	Attainment
Visibility-reducing particles	No NAAQS	Unclassified
Vinyl chloride	No NAAQS	No designation

Sources: EPA 2022b (NAAQS); CARB 2022b (CAAQS).
Notes: NAAQS = National Ambient Air Quality Standards; CAAQS = California Ambient Air Quality Standards; bold text = not in attainment; attainment = meets the standards; attainment/maintenance = achieves the standards after a nonattainment designation; nonattainment = does not meet the standards; unclassified or unclassifiable = insufficient data to classify; unclassifiable/attainment = meets the standard or is expected to be meet the standard despite a lack of monitoring data.

In summary, Nevada County is designated as a nonattainment area for federal and state O_3 standards and state PM_{10} standards. Nevada County is designated as unclassified or in attainment for all other criteria air pollutants.

2.1.5 Local Ambient Air Quality

CARB, air districts, and other agencies monitor ambient air quality at approximately 250 air quality monitoring stations across the state. Air quality monitoring stations usually measure pollutant concentrations 10 feet above ground level; therefore, air quality is often referred to in terms of ground-level concentrations. The most recent background ambient air quality data from 2020 to 2022 within the MCAB are presented in Table 2-2. The closest air quality monitoring station to the Project site is located at 200 Litton Drive, Suite 230, Grass Valley, California, 95945, located approximately 0.75 miles northwest of the Project site. The data collected at this station for O_3 and $PM_{2.5}$ are considered representative of the air quality experienced in the Project vicinity. The closest air quality monitoring stations for NO_2 and PM_{10} is the Placer County station. Air quality data and the number of days exceeding the ambient air quality standards for O_3, NO_2, PM_{10}, and $PM_{2.5}$, the pollutants monitored at the Grass Valley and Placer County stations, are provided in Table 2-2.

Table 2-2. Local Ambient Air Quality Data

Averaging Time	Unit	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
				2020	2021	2022	2020	2021	2022
Ozone (O_3)									
Maximum 1-hour concentration	ppm	California	0.12	0.128	0.102	0.275	2	6	1
Maximum 8-hour concentration	ppm	California	0.070	0.123	0.097	0.093	20	40	17
		National	0.070	0.122	0.096	0.093	16	38	13
Nitrogen Dioxide (NO_2)									
Maximum 1-hour concentration	ppm	California	0.18	0.041	0.046	0.036	0	0	0
		National	0.100	0.0411	0.0469	0.036	0	0	0
Annual concentration	ppm	California	0.030	ND	0.006	0.006	—	—	—
		National	0.053	0.006	0.006	0.006	—	—	—
Coarse Particulate Matter (PM_{10})[a]									
Maximum 24-hour concentration	µg/m³	California	50	652.0	116.1	135.8	43.0 (42)	8.0 (9)	25.5 (25)
		National	150	722.9	121.4	156.6	14.1 (14)	0.0 (0)	1.0 (1)
Annual concentration	µg/m³	California	20	29.2	19.8	21.2	—	—	—
Fine Particulate Matter ($PM_{2.5}$)[a]									
Maximum 24-hour concentration	µg/m³	National	35	202.2	176.4	13.4	ND (27)	16.7 (16)	ND (0)
Annual concentration	µg/m³	California	12	ND	8.7	ND	—	—	—
		National	12.0	14.1	8.7	ND	—	—	—

Sources: CARB 2023a; EPA 2022c.
Notes: ppm = parts per million by volume; — = not available; μg/m³ = micrograms per cubic meter; ND = mean does not satisfy minimum data completeness criteria/insufficient data available to determine the value.
Data taken from CARB iADAM (CARB 2023a) and EPA AirData (EPA 2022c) represent the highest concentrations experienced over a given year.
No NO_2 values are available for Nevada County because NO_2 concentrations are historically low and not commonly monitored, therefore, data was obtained from Placer County.
Exceedances of national and California standards are only shown for O_3 and particulate matter. Daily exceedances for particulate matter are estimated days because PM_{10} and $PM_{2.5}$ are not monitored daily. All other criteria pollutants did not exceed national or California standards during the years shown. There is no national standard for 1-hour O_3, annual PM_{10}, or 24-hour SO_2, nor is there a California 24-hour standard for $PM_{2.5}$.

[a] Measurements of PM_{10} and $PM_{2.5}$ are usually collected every 6 days and every 1 to 3 days, respectively. Number of days exceeding the standards is a mathematical estimate of the number of days concentrations would have been greater than the level of the standard had each day been monitored. The numbers in parentheses are the measured number of samples that exceeded the standard.

2.1.6 Sensitive Receptors

Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. People most likely to be affected by air pollution include children, the elderly, athletes, and people with cardiovascular and chronic respiratory diseases. Facilities and structures where these air pollution-sensitive people live or spend considerable amounts of time are known as sensitive receptors. Land uses where air pollution-sensitive individuals are most likely to spend time include schools and schoolyards, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential communities (sensitive sites or sensitive land uses) (CARB 2005). To the north and east of the Project site, separated by open space, are the Grass Valley Terrace Apartments. To the north of the Project, on the other side of Dorsey Drive, are the Springhill Garden Apartments. Additionally, across SR 20/49 there are sensitive populations in the Golden Empire Nursing and Rehab Center and the Sierra Nevada Memorial Hospital. In addition to the existing proximate sensitive receptors described previously, the Project would also introduce new sensitive residential receptors.

2.2 Regulatory Framework

2.2.1 Federal Regulations

Criteria Air Pollutants

The federal Clean Air Act, passed in 1970 and last amended in 1990, forms the basis for the national air pollution control effort. EPA is responsible for implementing most aspects of the Clean Air Act, including setting NAAQS for major air pollutants; setting hazardous air pollutant (HAP) standards; approving state attainment plans; setting motor vehicle emission standards; issuing stationary source emission standards and permits; and establishing acid rain control measures, stratospheric O_3 protection measures, and enforcement provisions. Under the Clean Air Act, NAAQS are established for the following criteria pollutants: O_3, CO, NO_2, SO_2, PM_{10}, $PM_{2.5}$, and lead.

The NAAQS describe acceptable air quality conditions designed to protect the health and welfare of the citizens of the nation. The NAAQS (other than for O_3, NO_2, SO_2, PM_{10}, $PM_{2.5}$, and those based on annual averages or arithmetic mean) are not to be exceeded more than once per year. NAAQS for O_3, NO_2, SO_2, PM_{10}, and $PM_{2.5}$ are based on statistical calculations over 1- to 3-year periods, depending on the pollutant. The Clean Air Act requires EPA to reassess the NAAQS at least every 5 years to determine whether adopted standards are adequate to protect public

health based on current scientific evidence. States with areas that exceed the NAAQS must prepare a state implementation plan that demonstrates how those areas will attain the standards within mandated time frames.

Hazardous Air Pollutants

The 1977 federal Clean Air Act amendments required EPA to identify national emission standards for hazardous air pollutants to protect public health and welfare. HAPs include certain VOCs, pesticides, herbicides, and radionuclides that present a tangible hazard, based on scientific studies of exposure to humans and other mammals. Under the 1990 federal Clean Air Act Amendments, which expanded the control program for HAPs, 189 substances and chemical families were identified as HAPs.

2.2.2 State Regulations

The federal Clean Air Act delegates the regulation of air pollution control and the enforcement of the NAAQS to the states. In California, the task of air quality management and regulation has been legislatively granted to CARB, with subsidiary responsibilities assigned to air quality management districts and air pollution control districts at the regional and county levels. CARB, which became part of the California Environmental Protection Agency in 1991, is responsible for ensuring implementation of the California Clean Air Act of 1988, responding to the federal Clean Air Act, and regulating emissions from motor vehicles and consumer products.

CARB has established CAAQS, which are generally more restrictive than the NAAQS. The CAAQS describe adverse conditions; that is, pollution levels must be below these standards before a basin can attain the standard. Air quality is considered in attainment if pollutant levels are continuously below the CAAQS and violate the standards no more than once each year. The CAAQS for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, PM_{10}, $PM_{2.5}$, and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. The NAAQS and CAAQS are presented in Table 2-3.

Table 2-3. Ambient Air Quality Standards

Pollutant	Averaging Time	CAAQS[a]	NAAQS[b]	
		Concentration[c]	Primary[c,d]	Secondary[c,e]
O_3	1 hour	0.09 ppm (180 μg/m³)	—	Same as primary standard[f]
	8 hours	0.070 ppm (137 μg/m³)	0.070 ppm (137 μg/m³)[f]	
NO_2[g]	1 hour	0.18 ppm (339 μg/m³)	0.100 ppm (188 μg/m³)	Same as primary standard
	Annual arithmetic mean	0.030 ppm (57 μg/m³)	0.053 ppm (100 μg/m³)	
CO	1 hour	20 ppm (23 mg/m³)	35 ppm (40 mg/m³)	None
	8 hours	9.0 ppm (10 mg/m³)	9 ppm (10 mg/m³)	
SO_2[h]	1 hour	0.25 ppm (655 μg/m³)	0.075 ppm (196 μg/m³)	—

Table 2-3. Ambient Air Quality Standards

Pollutant	Averaging Time	CAAQS[a]	NAAQS[b]	
		Concentration[c]	Primary[c,d]	Secondary[c,e]
	3 hours	—	—	0.5 ppm (1,300 μg/m³)
	24 hours	0.04 ppm (105 μg/m³)	0.14 ppm (for certain areas)[g]	—
	Annual	—	0.030 ppm (for certain areas)[g]	—
PM_{10}[i]	24 hours	50 μg/m³	150 μg/m³	Same as primary standard
	Annual arithmetic mean	20 μg/m³	—	
$PM_{2.5}$[i]	24 hours	—	35 μg/m³	Same as primary standard
	Annual arithmetic mean	12 μg/m³	12.0 μg/m³	15.0 μg/m³
Lead[j,k]	30-day average	1.5 μg/m³	—	—
	Calendar quarter	—	1.5 μg/m³ (for certain areas)[k]	Same as primary standard
	Rolling 3-month average	—	0.15 μg/m³	
Hydrogen sulfide	1 hour	0.03 ppm (42 μg/m³)	—	—
Vinyl chloride[j]	24 hours	0.01 ppm (26 μg/m³)	—	—
Sulfates	24 hours	25 μg/m³	—	—
Visibility reducing particles	8 hours (10:00 a.m. to 6:00 p.m. PST)	Insufficient amount to produce an extinction coefficient of 0.23 per kilometer due to the number of particles when the relative humidity is less than 70%	—	—

Source: CARB 2016.

Notes: CAAQS = California Ambient Air Quality Standards; NAAQS = National Ambient Air Quality Standards; O_3 = ozone; ppm = parts per million by volume; μg/m³ = micrograms per cubic meter; NO_2 = nitrogen dioxide; CO = carbon monoxide; mg/m³= milligrams per cubic meter; SO_2 = sulfur dioxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; PST = Pacific Standard Time.

a CAAQS for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, suspended particulate matter (PM_{10}, $PM_{2.5}$), and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. CAAQS are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

b NAAQS (other than O_3, NO_2, SO_2, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once per year. The O_3 standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 μg/m³ is equal to or less than 1. For $PM_{2.5}$, the 24-hour standard is attained when 98% of the daily concentrations, averaged over 3 years, are equal to or less than the standard.

c Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based on a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference

temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

[d] National primary standards: The levels of air quality necessary, with an adequate margin of safety, to protect the public health.

[e] National secondary standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

[f] On October 1, 2015, the national 8-hour O_3 primary and secondary standards were lowered from 0.075 to 0.070 ppm.

[g] To attain the national 1-hour standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 parts per billion (ppb). Note that the national 1-hour standard is in units of ppb. California standards are in units of ppm. To directly compare the national 1-hour standard to the California standards, the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

[h] On June 2, 2010, a new 1-hour SO_2 standard was established, and the existing 24-hour and annual primary standards were revoked. To attain the national 1-hour standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until 1 year after an area is designated for the 2010 standard, except that in areas designated nonattainment of the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

[i] On December 14, 2012, the national annual $PM_{2.5}$ primary standard was lowered from 15 $\mu g/m^3$ to 12.0 $\mu g/m^3$. The existing national 24-hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 $\mu g/m^3$, as was the annual secondary standard of 15 $\mu g/m^3$. The existing 24-hour PM_{10} standards (primary and secondary) of 150 $\mu g/m^3$ were also retained. The form of the annual primary and secondary standards is the annual mean averaged over 3 years.

[j] CARB has identified lead and vinyl chloride as TACs with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

[k] The national standard for lead was revised on October 15, 2008, to a rolling 3-month average. The 1978 lead standard (1.5 $\mu g/m^3$ as a quarterly average) remains in effect until 1 year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

Toxic Air Contaminants

The state Air Toxics Program was established in 1983 under AB 1807 (Tanner). The California TAC list identifies more than 700 pollutants, for a subset of which carcinogenic and noncarcinogenic toxicity criteria have been established pursuant to the California Health and Safety Code. In accordance with AB 2728, the state list includes the (federal) HAPs. In 1987, the California State Legislature (Legislature) enacted the Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588) to address public concern over the release of TACs into the atmosphere. AB 2588 requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years. TAC emissions from individual facilities are quantified and prioritized. High-priority facilities are required to perform a health risk assessment (HRA), and if specific thresholds are exceeded, the facility operator is required to communicate the results to the public in the form of notices and public meetings.

As described previously, in 2000, CARB approved a comprehensive diesel risk reduction plan to reduce diesel emissions from both new and existing diesel-fueled vehicles and engines, which was anticipated to result in an 80% decrease in statewide diesel health risk in 2020 compared with the diesel risk in 2000. Additional regulations apply to new trucks and diesel fuel, including the On-Road Heavy Duty Diesel Vehicle (In-Use) Regulation, the On-Road Heavy Duty (New) Vehicle Program, the In-Use Off-Road Diesel Vehicle Regulation, and the New Off-Road Compression-Ignition (Diesel) Engines and Equipment Program. These regulations and programs have timetables by which manufacturers must comply and existing operators must upgrade their diesel-powered equipment. There are several Airborne Toxic Control Measures that reduce diesel emissions, including In-Use Off-Road Diesel-Fueled Fleets (13 CCR 2449 et seq.) and In-Use On-Road Diesel-Fueled Vehicles (13 CCR 2025).

California Health and Safety Code Section 41700

This section of the Health and Safety Code states that a person shall not discharge from any source whatsoever quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public; or that endanger the comfort, repose, health, or safety of any of those persons or the public; or that cause, or have a natural tendency to cause, injury or damage to business or property. This section also applies to sources of objectionable odors.

CARB Land Use Handbook

CARB is the state agency with jurisdiction over and expertise in issues relating to air quality and public health. CARB provides guidance that helps inform local agencies in establishing local guidance, thresholds, standards, and methodologies for assessing potential air quality and related human health effects. In 2005, CARB released an informational guide entitled, CARB Air Quality and Land Use Handbook: A Community Health Perspective (2005; hereafter referred to as the CARB Handbook, which is provided as Appendix N to this SFEIR). The purpose of this guide is to provide information to aid local jurisdictions in addressing issues and concerns related to the siting of sensitive land uses near major sources of air pollution, including freeways and high traffic roadways. The CARB Handbook is an industry-standard reference guide for considering the potential for exposure to TACs from roadways. It includes recommended separation distances for various land uses, which are summarized in Table 2-4. These recommendations were based on studies suggesting that health risks to sensitive receptors associated with mobile sources, particularly DPM, are highest within 300 feet of a major freeway, and that a 70% reduction in ambient particulate levels occurs at 500 feet from the source (Appendix N).

The CARB Handbook currently recommends that new sensitive land uses not be located within 500 feet of a freeway, urban roadways with 100,000 vehicles per day, or rural roads with 50,000 vehicles per day. However, these recommendations are not site-specific and should not be interpreted as defined “buffer zones.” The recommendations of the CARB Handbook are advisory and need to be balanced with other state and local policies (Appendix N). As previously discussed, the nearest major roadway in relation to the Project site is SR 20/49, which is located north of the Project site, with some residences located within 170 feet of SR 20/49. Table 9-5 of the 2019 EIR presents traffic volume of 41,000 ADT and a cumulative 2035 traffic volume of 56,000. As discussed in Section 2.4.1, however, based on more recent estimates obtained from the Caltrans, the adjacent segments of SR 20/49 currently average only approximately 30,928 ADT (Caltrans 2023). Although the current SR 20/49 traffic volumes would be less than the 50,000 ADT threshold established by the CARB Handbook, this SFEIR evaluates the potential health risks associated with traffic on SR 20/49, with and without the Project as required by the Court of Appeal Opinion and Nevada County Superior Court Ruling. The SFEIR considers Project effects on both an “existing conditions” baseline and a 2035 cumulative baseline, as directed by those courts.

Table 2-4. Recommendations on Siting New Sensitive Land Uses Near Air Pollutant Sources

Source Category	Advisory Recommendations
Freeways and High Traffic Roads	Avoid siting new sensitive land uses within 500 feet of a freeway, urban roads with 100,000 vehicles per day, or rural roads with 50,000 vehicles per day.

Table 2-4. Recommendations on Siting New Sensitive Land Uses Near Air Pollutant Sources

Source Category	Advisory Recommendations
Distribution Centers	Avoid siting new sensitive land uses within 1,000 feet of a distribution center (that accommodates more than 100 trucks per day, more than 40 trucks with operating transport refrigeration units (TRUs) per day, or where TRU unit operations exceed 300 hours per week).
	Take into account the configuration of existing distribution centers and avoid locating residences and other new sensitive land uses near entry and exit points.
Rail Yards	Avoid siting new sensitive land uses within 1,000 feet of a major service and maintenance rail yard.
	Within one mile of a rail yard, consider possible siting limitations and mitigation approaches.
Ports	Avoid siting of new sensitive land uses immediately downwind of ports in the most heavily impacted zones. Consult local air districts or CARB on the status of pending analyses of health risks.
Refineries	Avoid siting new sensitive land uses immediately downwind of petroleum refineries. Consult with local air districts and other local agencies to determine an appropriate separation.
Chrome Platers	Avoid siting new sensitive land uses within 1,000 feet of a chrome plater.
Dry Cleaners Using Perchloroethylene	Avoid siting new sensitive land uses within 300 feet of any dry-cleaning operation. For operations with two or more machines, provide 500 feet. For operations with three or more machines, consult with the local air district.
	Do not site new sensitive land uses in the same building with perchloroethylene dry cleaning operations.
Gasoline Dispensing Facilities	Avoid siting new sensitive land uses within 300 feet of a large gas station (defined as a facility with a throughput of 3.6 million gallons per year or greater). A 50-foot separation is recommended for typical gas-dispensing facilities.

Source: Appendix N.

2.2.3 Local Regulations

Northern Sierra Air Quality Management District

The NSAQMD is the primary agency responsible for planning to meet federal and state ambient air quality standards in Nevada, Plumas, and Sierra counties. The NSAQMD develops rules and regulations for stationary sources and equipment, prepares emissions inventories and air quality management planning documents, and conducts source testing and inspections. NSAQMD rules and regulations applicable to the Project include the following:

Rule 205 Nuisance: This rule prohibits discharge of air contaminants or other material from any source which cause injury, detriment, nuisance, or annoyance to any considerable number of persons, or to the public, or which endanger the comfort, repose, health, or safety of any such persons, or the public, or which cause to have natural tendency to cause injury or damage to business or property.

Rule 207 Particulate Matter: This rule prohibits the release or discharge of particulate matter emissions in excess of 0.1 grains per cubic foot of dry exhaust gas as standards conditions into the atmosphere from any source or single processing unit, exclusive of sources emitting combustion contaminants only.

Rule 226 Dust Control: This rule requires the submittal of a Dust Control Plan to the NSAQMD for approval prior to any surface disturbance, including clearing of vegetation.

Rule 227 Cutback and Emulsified Asphalt Paving Materials: This rule restricts the discharge of VOCs caused by the use or manufacture of Cutback or Emulsified asphalts for paving, road construction or road maintenance, unless such manufacture or use complies with the provisions of the rule.

Rule 904 Asbestos Airborne Toxic Control Measure Asbestos-Containing-Serpentine: This rule incorporates by reference Title 17, Section 93106, of the California Code of Regulations in its entirety.

Grass Valley General Plan

The Land Use (LU) element, Circulation (C) element, and Conservation and Open Space (COS) element contain goals (G), objectives (O), policies (P) and implementation measures (I) to reduce emissions and improve air quality. Most of these goals, objectives, policies and implementation measures focus on promoting infill development, mixed use developments, and alternative means of transportation to reduce the number of vehicles on the road and the distance required to access goods and services. The following goals, objectives, policies, and implementation measures are applicable to the Project:

2-LUG: Promote infill as an alternative to peripheral expansion where feasible.

3-LUG: In areas of new development, plan for diversity of land uses and housing types, including mixed use developments.

6-LUG: Promote a jobs/housing balance within the Grass Valley region in order to facilitate pleasant, convenient and enjoyable working conditions for residents, including opportunities for short home to work journeys.

4-LUO: Reduction in environmental impacts associated with peripheral growth.

15-LUO: Reduction in the number of vehicle miles driven.

5-LUP: Actively market infill and available parcels during contracts with developers and community members.

6-LUP: Develop a more specific development strategy for identified infill parcels following General Plan adoption.

7-LUP: Utilize California Redevelopment Law to provide incentives to infill development.

8-LUP: Encourage and facilitate mixed-use developments on infill sites.

9-LUP: Provide for higher residential densities on infill site and in the Downtown area.

23-LUP: Encourage mixed use developments incorporating a variety of densities on infill sites and in areas proposed for annexation.

1-CG: Provide a circulation system that utilizes a variety of transportation modes, including alternative means of transportation.

2-CG: Ensure that streets and roadway improvements complement and support land use goals, objectives, policies, and plans.

5-CO: Convenient, safe and functional facilities for pedestrians, bicyclists and equestrians.

6-CP: Locate transit stops and park and ride facilities near freeway interchanges and in conjunction with higher density residential and mixed-use developments.

8-CP: Incorporate separated, non-motorized paths in street cross-section designs whenever feasible.

6-COSG: Assure compliance with and understanding of air and water quality regulations and standards.

16-COSO: Inclusion of air and water quality considerations in land use decisions rendered by the Planning Commission and City Council.

22-COSP: Implement circulation/transportation measures designed to reduce reliance on the automobile.

2.3 Significance Criteria and Methodology

2.3.1 Thresholds of Significance

With respect to potential adverse health effects due to exposure to mobile source air pollutants, the significance threshold used to evaluate this impact is derived from Appendix G of the CEQA Guidelines. Under this threshold, a significant impact would occur if the Project would:

- Expose sensitive receptors to substantial pollutant concentrations.

Project-related impacts under this threshold were determined to be less than significant in the 2019 EIR. However, as previously discussed, this SFEIR includes an additional evaluation of health risk impacts from mobile source emissions at new residences, visitors, and employees at the commercial uses proposed by the Project. In addition, health risks associated with existing sensitive receptors within 1,000 feet of SR 20/49 was also assessed.

Notably, in *California Building Industry Association v. Bay Area Air Quality Management District* (2015) 62 Cal.4th 369, 377 ("CBIA"), the California Supreme Court held that "agencies subject to CEQA generally are *not* required to analyze the impact of existing environmental conditions on a project's future users or residents" (italics added).

The court did not hold, however, that CEQA never requires consideration of the effects of existing environmental conditions on the future occupants or users of a project. But the circumstances in which such conditions may be considered are narrow: "when a proposed project risks exacerbating those environmental hazards or conditions that already exist, an agency must analyze the potential impact of such hazards on future residents or users. In those specific instances, it is the project's impact on the environment—and not the environment's impact on the project—that compels an evaluation of how future residents or users could be affected by exacerbated conditions."

(*Id*. at pp. 377-378, italics added.) Furthermore, as stated by the Court of Appeal on remand following the Supreme Court's decision in CBIA, a lead agency may rely on BAAQMD's receptor thresholds to analyze the impact of the project on the environment, including a project's potential to exacerbate existing conditions. (See California Building Industry Assn. v. Bay Area Air Quality Management Dist. (2016) 2 Cal.App.5th 1067, 1082-1084.) Consistent with this authority and the decision of the Court of Appeal, the City has chosen to apply the BAAQMD project-level significance thresholds in the HRA, as discussed below.

Accordingly, based on direction from the Court of Appeal, the Nevada County Superior Court found that because the Project would increase traffic volumes on SR 20/49, the Project could exacerbate health risks for future Project residents and occupants associated with SR 20/49 as a contributor of mobile source emissions and that the 2019 EIR did not adequately evaluate this potential effect (Appendix M).

As stated previously, in order to evaluate health risks associated with the proposed scenarios (baseline, baseline + Project, cumulative 2035, and cumulative 2035 + Project), the BAAQMD thresholds were used as the NSAQMD has not established an equivalent approach, particularly for increased $PM_{2.5}$ concentrations. The most recent BAAQMD *CEQA Air Quality Guidelines* were adopted in April 2023 and include guidelines for the project analysis and thresholds for criteria air pollutants, TACs, and GHG emissions (BAAQMD 2023). Health effects from carcinogenic air toxics are usually described in terms of cancer risk. The BAAQMD recommends an incremental cancer risk threshold of 10 in 1 million. For context, the National Cancer Institute estimates that approximately 39.5% of people will be diagnosed with cancer during their lifetimes (National Cancer Institute 2020). A cancer risk of 10 in a million indicates that a person has an additional risk of 10 chances in a million (0.001%) of developing cancer during their lifetime as a result of the air pollution scenario being evaluated, which is minimal and defined as the "No Significant Risk Level" for carcinogens in Proposition 65. In addition, some TACs have noncarcinogenic effects. The BAAQMD recommends a Hazard Index of 1 or more for acute (short-term) and chronic (long-term) effects.[3] BAAQMD significance thresholds applied for the HRA assessment are summarized in Table 2-5.

Table 2-5. BAAQMD Thresholds of Significance

Factor	CEQA Threshold
Risks and hazards (individual project)	• Compliance with qualified community risk reduction plan, or: • Increased cancer risk of >10.0 in a million • Increased noncancer risk of >1.0 Hazard Index (chronic or acute) • Ambient $PM_{2.5}$ increase >0.3 μg/m³ annual average

Source: BAAQMD 2023.
Notes: BAAQMD = Bay Area Air Quality Management District; CEQA = California Environmental Quality Act; $PM_{2.5}$ = fine particulate matter; μg/m³ = micrograms per cubic meter.

[3] Non-cancer adverse health risks are measured against a hazard index, which is defined as the ratio of the predicted incremental exposure concentrations of the various noncarcinogens from the Project to published reference exposure levels that can cause adverse health effects.

2.3.2 Approach and Methodology

Roadway Health Risk Assessment

As previously discussed, the Project is located adjacent to SR 20/49, which currently has approximately 30,000 average daily traffic (Caltrans 2023). As such, four roadway HRA scenarios are analyzed: baseline, baseline + Project, cumulative 2035, and cumulative 2035 + Project, in order to estimate the change between the baseline and cumulative scenarios with and without the Project-generated vehicle travel.

The baseline and baseline + Project scenarios applied an operational year of 2022, which is consistent with the most recent Caltrans data available. The cumulative 2035 and cumulative 2035 + Project scenarios applied an operational year of 2035. These operational years were assumed as the starting year for the HRA's 30-year exposure for residents, visitors, and employees, on the project site and within 1,000 feet of SR 20/49. Notably, assuming an earlier year results in a more conservative analysis as vehicle emission factors and the percent of diesel vehicles on the roadway generally decreases over time due to more stringent vehicle standards, as well as fleet turnover replacing older vehicles in later years.

The SR 20/49 traffic volumes provided by Caltrans were collected at Dorsey Drive. The annual vehicle miles traveled (VMT) for the northbound and southbound portions of SR 20/49 was calculated based on the segment length and traffic count volumes. To account for changes in vehicle volumes, 2022 Caltrans Performance Measurement System (PeMS) data (January 1, 2021, to December 31, 2022) was obtained to estimate the annual growth on each segment, northbound and southbound separately, between 2021 and 2022. Based on the 2022 PeMS data, annual traffic volume on SR 20/49 was estimated to decline. Therefore, the estimated annual growth of 0.5% was conservatively assumed instead of a negative growth rate. The existing traffic volume, as provided by Caltrans, on SR 20/49, which was incorporated into the HRA, was 30,928 ADT. Furthermore, the baseline + Project scenario SR 20/49 traffic volume was estimated to be 39,801 ADT, the cumulative 2035 scenario traffic volume was estimated to be 33,093 ADT, and the cumulative 2035 + Project scenario traffic volume was estimated to be 40,619 ADT. The ADTs for each of these scenarios represents a worst-case scenario in which it was assumed that all the Project's ADT would travel on SR 20/49. The HRA assessment also estimated the potential health risks associated with a 20% trip distribution on SR 20/49, which is consistent with the 2019 transportation assessment. Assuming a 20% trip distribution on SR 20/49 resulted an estimated 32,703 ADT for the baseline + Project scenario and 34,868 ADT for the cumulative 2035 + Project scenario.

Notably, the existing and cumulative conditions of SR 20/49 presented in Table 9-5 of the 2019 EIR reflected higher ADT than are currently projected; the volumes in the 2019 EIR were based on the Caltrans ADT projections developed in 2016. Specifically, the 2019 EIR assumed traffic volumes of 41,000 ADT for the baseline scenario, 42,000 ADT for the baseline + Project scenario, 56,000 ADT for the cumulative 2035 scenario, and 57,000 ADT for the cumulative 2035 + Project scenario. As noted in Table 2-4, the CARB Handbook defines a High Traffic Roadway as one that carries at least 50,000 ADT in rural settings (Appendix N). Based on the 2016 ADT projections, SR 20/49 would have met this standard for the cumulative condition. However, this SFEIR and the associated HRA are based on the most recent Caltrans data from 2021 and 2022 because the 2021 and 2022 traffic volume data represent the most current traffic conditions. Overall, current traffic volumes on SR 20/49 are substantially less than what was assumed in the 2019 EIR. Thus, based on the best available data and using the threshold adopted by the City and upheld by the Court of Appeal, SR 20/49 is no longer projected to meet the CARB Handbook definition of a High Traffic Roadway. Despite this change in projected ADT and its relation to the CARB Handbook threshold, however, the City, based on the direction of the Court of Appeal and the trial court's Ruling, is treating SR 20/49 as a pollution source and analyzing the associated health risk.

Per the BAAQMD guidance, the TACs included in this HRA are DPM and total organic gases (TOG, both exhaust and evaporative) from on-road vehicles (cars and trucks) traveling on SR 20/49. For risk assessment purposes, particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM_{10}) in diesel exhaust originating from diesel vehicles traveling on SR 20/49 is considered DPM (BAAQMD 2023). As explained previously, diesel exhaust, which is a complex mixture of gases and fine particles emitted by diesel-fueled combustion engines, is identified by the State of California as a known carcinogen. Under California regulatory guidelines, DPM is used as a surrogate measure of carcinogen exposure for the mixture of chemicals that make up diesel exhaust as a whole.

Although TACs in brake and tire wear dust were also topics of concern in public comment, neither were evaluated herein. While brakes and tires may include toxic components that may become airborne during vehicle travel, the speciation of potential toxics within particulate matter generated by brake and tire wear is highly speculative given current science and methods. Until additional research is conducted and HRA guidance is developed, non-exhaust vehicle emission sources cannot be accurately and meaningfully evaluated separately from vehicle exhaust sources. However, $PM_{2.5}$ concentrations were included in the evaluation, which account for brake and tire wear fine particulate dust.

The Project would be required to comply with the Building Code applicable when construction permit applications are submitted (the 2022 Building Code went into effect on January 1, 2023). In general, later building codes are more stringent than earlier building codes with respect to the protection of occupants from outdoor air pollution. The Building Code requires installation of Minimum Efficiency Reporting Value 13 (MERV 13) air filtration systems on return vents in the proposed residential units. EPA reported that the MERV 13 filters remove 80% to 90% of particles ranging from 1 to 10 microns (EPA 2020). To account for exposure of DPM $PM_{2.5}$ inside and outside the buildings, the emissions at the new residential units to be developed under the Project incorporated an 87% time spent inside factor,[4] which accounts for the amount of time that particulate exposure would be reduced by the MERV 13 filters. MERV 13 filters were not assumed for existing uses since these filters are not common in buildings constructed prior to January 2023. This HRA also incorporates the time spent away from home as recommended by OEHHA (OEHHA 2015). Accounting for the actual time spent indoors and exposure related to the residents within the Project provides a more realistic exposure scenario from particulate emissions from SR 20/49. Detailed emissions data are provided in Appendix O.

Per the BAAQMD *CEQA Air Quality Guidelines* (BAAQMD 2023), the TACs included in this HRA are DPM and total organic gases (TOG, both exhaust and evaporative) from on-road vehicles (cars and trucks). DPM and TOG emission factors were calculated using the latest version of CARB's mobile source emission inventory, EMFAC2021. Speciation profiles for TOG was then used to determine the emissions of gaseous TACs (BAAQMD 2023). To estimate the emissions from vehicles traveling on SR 20/49, EMFAC2021 was run for all vehicle classes in Nevada County. EMFAC2021 can generate emission factors (also referred to as emission rates) in grams per mile for the fleet in a class of motor vehicles within a region for a particular geographical study year. For this analysis, Nevada County and calendar years 2022 and 2035 were selected for the existing and the cumulative scenarios. Of the total ADT for each of the modeled scenarios, approximately 12% was assumed to be trucks and the remaining were assumed to be non-trucks (all other vehicle types including passenger vehicles, buses, motorcycles, etc.), which was based on the fleet mix (percentage of vehicles by class) contained in the EMFAC2021 model. For trucks and non-trucks on SR 20/49, the proportion of diesel and gasoline fueled vehicles was also estimated based on data from CARB's EMFAC2021 model for the overall vehicle fleet for Nevada County.

[4] Based on a study conducted by CARB and University of California, Berkeley, *Activity Patterns of California Residents* (CARB 1991).

A VMT weighted average emission factor was estimated for trucks (light-heavy duty truck, light-heavy duty truck 2, medium-heavy duty truck, and heavy-heavy duty truck) and non-trucks, which includes all other vehicle types, (light-duty automobiles, light-duty truck class 1, light-duty truck class 2, medium-duty vehicle, motorhome, other bus, school bus, urban bus, and motorcycle). The amount of vehicle traffic present on the roadway segments evaluated in this HRA is measured in terms of VMT per segment. This was calculated by taking the average daily traffic and multiplying it by the distance of the roadway segment evaluated. The total emissions of DPM and TOG (in pounds per hour and pounds per year) were then calculated for each roadway segment by multiplying the emission factor and the VMT. Notably, in addition to exhaust PM_{10} (which is used as a surrogate for DPM), non-TAC $PM_{2.5}$ emissions associated with tire-wear and brake-wear and resuspended road dust were included in the emissions inventory to estimate total $PM_{2.5}$ concentrations. The calculated emissions of DPM, TOG, and $PM_{2.5}$ are depicted in Appendix O.

Air dispersion models calculate the atmospheric transport and fate of pollutants from the emission source. The models calculate the concentration of selected pollutants at specific downwind ground-level points, such as residential or school receptors. The transformation (fate) of an airborne pollutant, its movement with the prevailing winds (transport), its crosswind and vertical movement due to atmospheric turbulence (dispersion), and its removal due to dry and wet deposition are influenced by the pollutant's physical and chemical properties and by meteorological and environmental conditions. Factors such as distance from the source to the receptor, meteorological conditions, intervening land use and terrain, pollutant release characteristics, and background pollutant concentrations affect the predicted air concentration of an air pollutant. Air dispersion models have the capability to take all of these factors into consideration when calculating downwind ground-level pollutant concentrations.

Dudek conducted a dispersion modeling analysis of DPM, TOG, and $PM_{2.5}$ emitted from vehicles traveling on SR 20/49 proximate to the project site for the HRA. The dispersion modeling was performed using AERMOD Version 21112, which is the model EPA approved and BAAQMD recommends for atmospheric dispersion of emissions. AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of surface and elevated sources, building downwash, and simple and complex terrain.

Principal parameters of AERMOD for the Project operations included the following:

- **Dispersion Model:** The air dispersion model used was AERMOD, Version 21112, with the Lakes Environmental Software implementation/user interface, AERMOD View, Version 10.2.1. A unit emission rate (1 gram per second (g/s)) was normalized over the line of adjacent volume sources and area sources for the AERMOD run to obtain the "X/Q" values. X/Q is a dispersion factor that is the average effluent concentration normalized by source strength, and is used as a way to simplify the representation of emissions from many sources. The maximum concentrations were determined for the 1-hour and Period averaging periods.
- **Meteorological Data:** The most recent available 5-year meteorological data (years 2014-2016, 2018 and 2019) for the Blue Canyon - Nyack Airport station (KBLU) was downloaded from CARB, and then input to AERMOD.
- **Urban and Rural Options:** Typically, urban areas have more surface roughness and structures and low-albedo surfaces that absorb more sunlight, and thus, more heat, relative to rural areas. The urban dispersion option was selected and the Nevada County population for year 2022 (102,293 persons) input into AERMOD.

- **Terrain Characteristics:** Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate. The National Elevation Dataset (NED) dataset with resolution of 1/3 arc-second was used.
- **Sensitive Receptors:** This HRA evaluates the risk to existing residential receptors located in proximity to the Project. A uniform fine 1-kilometer by 1-kilometer Cartesian grid with 20-meter spacing was centered over the project site and converted into discrete receptors to capture the maximum risk.
- **Source Release Scenario:** Vehicles traveling on SR 20/49 were modeled as a line of adjacent volume sources for the roadway segment nearby the project site. The length of each line volume source was based on the modeled length in AERMOD. The AERMOD-modeled roadway segments total up to 1,884 meters. Trucks and non-trucks were modeled as separate line volume sources to account for different plume and release characteristics resulting in a total of eight separate line volume sources. Plume height was assumed to be 6.1 meters for trucks and 0.91 meters for non-trucks. A release height was estimated for each source assuming 1/2 of the plume height, which equals 3.05 meters for trucks and 0.46 meters for non-trucks. The plume width was estimated for each segment based on the width of the traveling lanes plus 6 meters (or approximately 3 meters on each side) to account for vehicle wake (EPA 2021).

Dispersion model plot files from AERMOD were then imported into CARB's HARP2 to determine health risk, which requires peak one-hour emission rates and annual emission rates for all pollutants for each modeling source. OEHHA recommends that an exposure duration (residency time) of 30 years be used to estimate individual cancer risk for the maximally exposed individual receptor (MEIR) starting in the third trimester of pregnancy to accommodate the increased susceptibility of exposures in early life (OEHHA 2015).

2.3.3 Modeling Uncertainties

Dispersion Modeling

Source parameters used in the AERMOD emissions modeling add uncertainty to the analysis. For all emission sources, Dudek used source parameters that are recommended as defaults by the EPA (EPA 2021) or the BAAQMD CEQA Air Quality Guidelines (released April 2023), which are expected to produce more conservative (i.e., overestimation of) results. Although differences may exist between the actual emissions characteristics of a source and its representation in the modeling, exposure concentrations used in this HRA represent approximate exposure concentrations. Furthermore, the analysis of cumulative 2035 conditions does not include yet-to-be realized emissions reductions from future regulations for trucks and passenger vehicles and based on the negative growth rate reflected in Caltrans traffic data. Instead, this analysis conservatively assumes a 0.5% growth rate of traffic volumes on SR 20/49.

Exposure Concentrations

When estimating pollutant exposures using the AERMOD dispersion mode, there is uncertainty embodied in the modeling. AERMOD's limitations provide a source of uncertainty in the estimation of exposure concentrations. According to the EPA, errors of 10 to 40% are typical for the highest estimated concentrations due to the limitation of the AERMOD algorithms (EPA 2017). The methods employed by Dudek consistently produce conservative results, and therefore estimated exposure concentrations are likely to be at or above actual exposure concentrations.

Exposure Assumptions

A number of assumptions must be made in order to estimate human exposure to chemicals. These assumptions include parameters such as breathing rates, exposure time and frequency, exposure duration, and human activity patterns. Although the best way to estimate the weighted arithmetic mean, is to use average values derived from scientifically defensible studies, many of the exposure variables used in this HRA per the 2015 OEHHA guidelines and BAAQMD CEQA Air Quality Guidelines are high end (i.e., more conservative) estimates. For example, although the OEHHA guidance recommends assuming a period of time spent out of the home each day for residential sensitive receptors, this analysis conservatively assumes that children are exposed 24 hours per day, and assumes adult residents are home 73% of the time. These assumptions are conservative, since most residents do not remain in their homes for these periods of time throughout the year. This analysis follows OEHHA and BAAQMD guidance in evaluating outdoor air; however, indoor air concentrations may be different due to filtration or other reductions resulting from the building shell or heating, ventilation, and air conditioning (HVAC) systems. The combination of several high-end and conservative estimates used as exposure parameters may substantially overestimate chemical intake. The excess lifetime cancer risks calculated in this HRA are therefore likely to be overestimated.

Toxicity Assessment

The standard cancer potency factor (CPF) established by OEHHA for DPM was used to estimate potential carcinogenic health effects from exposures to DPM emitted from vehicles on SR 20/49. The CPF for DPM is derived by applying conservative assumptions that are intended to protect the most sensitive individuals in the potentially exposed populations. To derive the CPF toxicity value for DPM, OEHHA makes several assumptions that tend to overestimate the actual hazard or risk to human health. CPFs used to estimate carcinogenic risk are also typically derived based on data from animal studies. These studies often administer high doses of a test chemical to laboratory animals, and the reported response is extrapolated to the much lower doses typical of human exposure. Very little experimental data are available on the nature of the dose-response relationship at low doses (e.g. whether a threshold exists or if the dose-response curve passes through the origin). Because of this uncertainty, a conservative model is used to estimate the low-dose relationship, and uses an upper bound estimate (the 95 upper confidence limit of the slope predicted by the extrapolation model) as the CPF. With this factor, an upper-bound estimate of potential cancer risks is calculated.

The CPF for DPM (1.1 milligrams/kilograms-day) was used to estimate cancer risks associated with exposure to DPM from Project operation. However, the CPF is highly uncertain in both the estimation of response and dose. Due to inadequate animal test data and epidemiology data on diesel exhaust, the International Agency for Research on Cancer (IARC), a branch of the World Health Organization (WHO), had previously classified DPM as Probably Carcinogenic to Humans (Group 2). The IARC currently classifies diesel engine exhaust as “carcinogenic to humans,” based on sufficient evidence that it is linked to an increased risk of lung cancer. IARC also notes that there is “some evidence of a positive association” between diesel exhaust and bladder cancer. Notably, the EPA classifies diesel exhaust as “likely to be carcinogenic to humans.” This determination by the IARC may provide additional impetus for the EPA to identify a quantitative dose-response relationship between exposure to DPM and cancer.

Risk Calculations

Estimated risks in the HRA are based primarily on a series of conservative assumptions related to predicted environmental concentrations, exposure, and chemical toxicity. The use of conservative assumptions tends to produce upper-bound estimates of risk. The use of conservative assumptions is likely to result in overestimated

exposure and therefore health risk, although it is difficult to quantify the uncertainties associated with all the assumptions made in the HRA.

2.4 Impact Analysis

Impact 2.4.1 Would the project expose sensitive receptors to substantial pollutant concentrations?

Health Impacts of Operational Toxic Air Contaminants

Based on the 30-year exposure scenario, the MEIR for cancer risk would be at the Golden Empire Nursing and Rehab Center which is adjacent to SR 20/49, located north of the Project site. The results of the HRA for each of the proposed scenarios (baseline, baseline + Project with 100% ADT added to SR 20/49, baseline + Project with 20% of ADT added to SR 20/49,cumulative 2035, cumulative 2035 + Project with 100% ADT added to SR 20/49, and cumulative + Project with 20% of ADT added to SR 20/49) are summarized in Tables 2-6 and 2-7, below. The results based on the assumption that 100% of the project-generated ADT (approximately 8,873 vehicle trips) would be added to SR 20/49 represents a worst-case scenario while the results based on the assumption that 20% of the project-generated ADT (approximately 1,775 vehicle trips) reflects the trip distribution analysis presented in the Transportation Impact Analysis Report prepared for the project, which was provided in Appendix G of the 2019 Draft EIR.

Table 2-6. Summary of Maximum Cancer and Chronic Health Risks and $PM_{2.5}$ Concentrations (Baseline Scenario)

Impact Parameter	Units	Risk	CEQA Threshold	Level of Significance
Baseline				
Cancer Risk	Per Million	22.02	10	**Potentially Significant**
Chronic Hazard Index	Index Value	0.01	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.16	0.3	Less than Significant
Baseline + Project with 100% ADT added to SR 20/49				
Cancer Risk	Per Million	27.38	10	**Potentially Significant**
Chronic Hazard Index	Index Value	0.02	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.20	0.3	Less than Significant
Project with 100% ADT added to SR 20/49 Impact (Baseline + 100% Project ADT minus Baseline)				
Cancer Risk	Per Million	5.36	10	Less than Significant
Chronic Hazard Index	Index Value	0.01	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.04	0.3	Less than Significant
Baseline + Project with 20% ADT added to SR 20/49				
Cancer Risk	Per Million	22.19	10	**Potentially Significant**
Chronic Hazard Index	Index Value	0.01	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.23	0.3	Less than Significant

Project with 20 % ADT added to SR 20/49 Impact (Baseline + 20% Project ADT minus Baseline)				
Cancer Risk	Per Million	0.17	10	Less than Significant
Chronic Hazard Index	Index Value	<0.01	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.01	0.3	Less than Significant

Source: Appendix O.
Notes: CEQA = California Environmental Quality Act; HRA = Health Risk Assessment
[1] The Golden Empire Nursing and Rehab Center which is located adjacent to SR 20/49 was conservatively assumed to be the MEIR, though patients would not be considered residents with a 30-year exposure duration. Furthermore, this facility for seniors specifically, would not have the 3rd trimester start of exposure. Furthermore, the nursing facility would install MERV-14 filters per the American Society of Heating, Refrigeration, and Air-Conditioning Engineers or the filter with the highest compatible filtering efficiency depending on the existing HVAC system. Use of such filters was not included in the assessment and would serve to lower the indoor exposure to particulate matter and associated health risks.

Table 2-7. Summary of Maximum Cancer and Chronic Health Risks and $PM_{2.5}$ Concentrations (Cumulative Scenario)

Impact Parameter	Units	Risk	CEQA Threshold	Level of Significance
Cumulative 2035				
Cancer Risk	Per Million	23.56	10	**Potentially Significant**
Chronic Hazard Index	Index Value	0.01	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.18	0.3	Less than Significant
Cumulative 2035 + 100% Project ADT				
Cancer Risk	Per Million	28.92	10	**Potentially Significant**
Chronic Hazard Index	Index Value	0.02	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.22	0.3	Less than Significant
100% ADT Project Impact (Cumulative + 100% Project ADT minus Cumulative)				
Cancer Risk	Per Million	5.36	10	Less than Significant
Chronic Hazard Index	Index Value	0.01	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.04	0.3	Less than Significant
Cumulative 2035 + Project with 20% ADT added to SR 20/49				
Cancer Risk	Per Million	23.73	10	**Potentially Significant**
Chronic Hazard Index	Index Value	0.01	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.25	0.3	Less than Significant
Project with 20 % ADT added to SR 20/49 Impact (Cumulative + 20% Project ADT minus Baseline)				
Cancer Risk	Per Million	0.17	10	Less than Significant
Chronic Hazard Index	Index Value	<0.01	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.01	0.3	Less than Significant

Source: Appendix O.
Notes: CEQA = California Environmental Quality Act; HRA = Health Risk Assessment
[1] The Golden Empire Nursing and Rehab Center which is located adjacent to SR 20/49 was conservatively assumed to be the MEIR, though patients would not be considered residents with a 30-year exposure duration. Furthermore, this facility for seniors specifically, would not have the 3rd trimester start of exposure. Furthermore, the nursing facility would install MERV-14 filters per the American Society of Heating, Refrigeration, and Air-Conditioning Engineers or the filter with the highest compatible filtering efficiency depending on the

existing HVAC system. Use of such filters was not included in the assessment and would serve to lower the indoor exposure to particulate matter and associated health risks.

As depicted in Tables 2-6 and 2-7, for the existing scenario, the maximum potential cancer risk within the Project area from on-road vehicle exhaust along SR 20/49 would be approximately 22.02 in a million and in the cumulative 2035 scenario the maximum potential cancer risk within the Project area from on-road vehicle exhaust along SR 20/49 would be approximately 23.56 in a million. These risk levels reflect the baseline conditions that are present or will be present in the area without the addition of Project-generated traffic.

For the existing + 100% Project ADT scenario, the maximum potential cancer risk within the project area from on-road vehicle exhaust along SR 20/49 would be approximately 27.38 in a million and for the cumulative 2035 + 100% Project ADT scenario, the maximum potential cancer risk within the Project area from on-road vehicle exhaust along SR 20/49 would be approximately 28.92 in a million. Therefore, assuming 100% of the Project ADT is added to SR 20/49, the maximum potential increase in cancer risk due to the Project would be approximately 5.36 in a million at the MEIR[5] (or a potential increase of 0.000536%), which represents the estimated delta between the baseline and baseline + Project or the cumulative 2035 and cumulative 2035 + Project scenarios, which includes Project-generated vehicle travel. The maximum chronic hazard and the maximum $PM_{2.5}$ concentration would be below the thresholds for each of the modeled scenarios (baseline, baseline + 100% Project ADT, cumulative 2035, and cumulative 2035 + 100% Project ADT).[6]

The HRA modeling found that when 20% of the Project's total trip generation is added to SR 20/49, under the existing + 20% Project ADT scenario, the maximum potential cancer risk within the Project area from on-road vehicle exhaust along SR 20/49 would be approximately 22.19 in a million and for the cumulative 2035 + 20% Project ADT scenario, the maximum potential cancer risk within the Project area from on-road vehicle exhaust along SR 20/49 would be approximately 23.73 in a million.

Therefore, assuming a 20% trip distribution on SR 20/49, the maximum potential increase in cancer risk due to the Project would be approximately 0.17 in a million at the MEIR (or a potential increase of 0.77%), which represents the estimated the delta between the baseline and baseline + 20% Project ADT or the cumulative 2035 and cumulative 2035 + 20% Project ADT scenarios, which includes Project-generated vehicle travel. The maximum chronic hazard and the maximum $PM_{2.5}$ concentration would be below the thresholds for each of the modeled scenarios (baseline, baseline + Project, cumulative 2035, and cumulative 2035 + Project).

As such, the future residents and occupants at the Project site and sensitive receptors within 1,000 feet of SR 20/49 would be exposed to **less than significant** cancer, chronic, as well as $PM_{2.5}$ concentrations due to traffic generated by the Project. In other words, mobile source emissions from Project generated traffic would not significantly exacerbate an existing or future environmental hazard. While Project generated traffic would increase

5 The MEIR is a nursing facility located adjacent to SR 20/49. Healthcare settings are recommended to install MERV-14 filters, which can theoretically remove at least 75% of dust, pollen, mold, bacteria, and any airborne particles with a size of 0.3 µm, which would further reduce potential health impacts. Notably, if MERV-14 filters are not compatible with the existing HVAC system, the facility would use filters with the highest compatible filtering efficiency. The recommendation for MERV-14 filtration is based on updated recommendations for healthcare settings from the American Society of Heating, Refrigeration, and Air-Conditioning Engineers.

6 For context, as mentioned in Section 2.3.1, the National Cancer Institute estimates that approximately 39.5% of people will be diagnosed with cancer during their lifetimes (National Cancer Institute 2020). This equates to a baseline rate of about 39 cancer cases in 100 people. As identified by the American Association for Cancer Research, approximately 40% of all cancers (or about 16 cancer cases in 100 people) are associated with lifestyle behaviors, including smoking tobacco, excess body weight, unhealthy dietary patterns, alcohol intake, and physical activity (American Association for Cancer Research 2023).

emissions and associated health effects from SR 20/49 under current and 2035 conditions, the additional cancer risk of five in one million associated with the 100% Project ADT scenario is not a significant exacerbation of the baseline cancer risk from mobile source emissions on SR 20/49 under current or 2035 conditions. Similarly, the additional cancer risk of 0.17 in one million associated with the 20% Project ADT scenario is not a significant exacerbation of the baseline cancer risk from mobile source emissions on SR 20/49 under current or 2035 conditions. As discussed above, the HRA applies BAAQMD's thresholds to mobile source emissions from Project generated traffic and the associated health effects on future residents and occupants in determining whether the Project would significantly exacerbate health risks from mobile source emissions on SR 20/49. Because the Project's contribution would not exceed BAAQMD's thresholds (ten in one million), the Project does not significantly exacerbate the environmental hazard associated with SR 20/49 now or in 2035.

It should be noted, moreover, that the Project would be consistent with the City's land use and General Plan goals for the area including providing a mixed-use development, including multifamily residential housing and commercial shopping opportunities within the City. Other activities in which the future residents, workers, and visitors could be exposed to health concentrations exceeding the applied thresholds would be due exposure to stationary sources such as dry cleaners, gas stations, and generators. Adverse health effects from these sources could also include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Additionally, although traffic volumes were conservatively assumed to increase with time due to growth, vehicular emission factors are expected to decrease with time due to California's Statewide regulation to increase fuel efficiency (Assembly Bill 1493, the Pavley I standard) and other State and federal regulations aimed at vehicles emissions reduction, including the requirement to gradually phase out the sale of gas-powered vehicles by 2035.

Further, there are several Project Design Features, as included in the 2019 EIR, that implement recommendations discussed in CARB's Technical Advisory: Strategies to Reduce Air Pollution Exposure Near High-Volume Roadways (2017, hereafter referred to as the CARB Technical Advisory), which would help reduce the potential health effects on future residents, workers, and visitors:

- Mitigation Measure 9a requires that a 6-foot-tall sound wall be constructed in the southwestern portion of the project site, between the residences proposed in that portion of the site and SR 20/49.

  The CARB Technical Advisory notes that vertical dispersion of pollutants, such as occurs when a solid wall is placed between the roadway and residents has been shown to reduce the concentration of TACs. The research cited in the CARB Technical Advisory includes a "field study in Phoenix, AZ—which measured NO_2, CO, UFP [ultrafine particulate matter], and black carbon (BC) using both a mobile platform and fixed sites—found that pollutant concentrations behind the roadside barriers were significantly lower relative to those measured in the absence of barriers. The reductions ranged from 50% within 50 meters (~164 feet) from the barrier to about 30% as far as 300 meters (984 feet) from the barrier" (CARB 2017).

- The proposed site plan includes a minimum 50-foot-wide buffer between the Dorsey Drive off-ramp and the onsite parking lots. This area would be landscaped in accordance with Mitigation Measure 5a, which includes specific performance standards regarding the density and height of vegetation.

  The CARB Technical Advisory also reports on studies showing that landscaping placed between the roadway and residents can reduce exposure to TACs. This includes a study where vegetation screen separating a freeway in Davis, California from a nearby elementary school was modeled. "The modeling showed that—with the tree configurations studied—74% of PM impacted a tree surface. This means that the particles did not merely pass by the tree, but rather impacted and may have deposited on the tree itself (CARB 2017).

Another study found "the combination of vegetation (trees) and soundwalls is associated with a reduction in BC [black carbon], UFP [ultrafine particulate matter], and NO [nitrogen oxide] concentrations, when ideal or perpendicular wind conditions are present. The concentration reductions vary from 4.8% to 28%, depending on the location and wind conditions. The study looked at many wind conditions outside of the simple perpendicular wind pattern and found that the soundwall/tree combination barrier may have little or no effect in very high wind cases and in parallel wind cases" (CARB 2017). This study supports the use of a sound wall and vegetation screening to minimize air pollutant exposures, including exposure to TACs, within the Project site because predominant wind direction in Grass Valley is from the south and from the east, i.e., not blowing emissions from SR 20/49 towards the Project site, which the HRA assessment accounts for per the most recent obtained meteorological data (Weatherspark 2020). In addition, per the CARB Handbook, it is recommended that that the siting of new sensitive land uses should be avoided immediately downwind freeways and high traffic roadways. As discussed above, SR 20/49 is not a high traffic roadway under the CARB Handbook under current or 2035 conditions. The Project, however, complies with CARB's recommendations because the new sensitive land uses will not be immediately downwind of SR 20/49 (Appendix N).

- The proposed buildings nearest SR 20/49 under Alternative B are comprised of two apartment buildings separated by a drive aisle and parking spaces. This creates an open area between the buildings that allows for air flow to disperse pollutants.

  The CARB Technical Advisory finds that site design can encourage further air pollutant dispersion, when features such as "building articulations (street frontage design elements like edges and corners that help break up building mass), and spaces that encourage air flow (e.g., parks)" are incorporated (CARB 2017).

2.4.1 Mitigation Measures

No mitigation measures are required.

2.5 References Cited

13 CCR 2449–2449.3 and Appendix A. General Requirements for In-Use Off-Road Diesel-Fueled Fleets.14 CCR 15000–15387 and Appendices A–L. Guidelines for Implementation of the California Environmental Quality Act, as amended.

14 CCR 15000–15387 and Appendices A–L. Guidelines for Implementation of the California Environmental Quality Act, as amended.

17 CCR 93000. Substances Identified as Toxic Air Contaminants. In Subchapter 7, Toxic Air Contaminants.

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Katherine Waugh, AICP - Project Manager
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APPENDIX M

Judgment and Writ of Mandate

Nevada County Superior Court, 2023

RECEIVED
BY SUPERIOR COURT OF CALIFORNIA,
COUNTY OF NEVADA
10/12/2023
LAILA A. WAHEED, CLERK OF THE COURT
MELISSA MORGAN, DEPUTY

FILED
BY SUPERIOR COURT OF CALIFORNIA,
COUNTY OF NEVADA
10/19/2023
LAILA A. WAHEED, CLERK OF THE COURT
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SUPERIOR COURT OF THE STATE OF CALIFORNIA
COUNTY OF NEVADA

COMMUNITY ENVIRONMENTAL ADVOCATES, COMMUNITY ENVIRONMENTAL ADVOCATES FOUNDATION, PROTECT GRASS VALLEY AND RALPH A. SILBERSTEIN

Petitioners,

v.

CITY OF GRASS VALLEY,

Respondent;

RUSSELL JETER AS TRUSTEE OF R. JETER FAMILY TRUST [FORMERLY THE R JETER FAMILY TRUST].

Real Party in Interest.

Superior Court CASE NO.: CU20-084791

(Court of Appeal No. C094613)

~~**[PROPOSED]**~~ JUDGMENT **FOR WRIT OF MANDATE SETTING ASIDE ADMINISTRATIVE DECISION**

JUDGE: **Hon. S. Robert Tice-Raskin**
HEARING: **August 11, 2023**
TIME: **10:00 a.m.**
DEPT: **6**

Date Action Filed: August 3, 2020

Petitioners, Community Environmental Advocates, Community Environmental Advocates Foundation, Protect Grass Valley, and Ralph A. Silberstein ("Petitioners") filed a Verified Petition for Writ of Mandate on August 3, 2020 ("Petition"). After briefing by Petitioners, the City of Grass Valley ("Respondent") and Russell Jeter as Trustee of the R Jeter Family Trust as the Real Party in Interest ("RPI" and together with Respondent, "Respondents"), and following a hearing on the merits, on March 26, 2021, the Trial Court found in favor of Respondents. Judgment was entered on the matter in favor of Respondents, on July 27, 2021. Petitioners timely filed a Notice of Appeal on July 29, 2021. Oral arguments were held on the Appeal on November 15, 2022.

On January 30, 2023, the Court of Appeal issued its decision in this matter ("Appellate Decision"), reversing the Trial Court's Judgment and directing the Trial Court to enter a new Judgment granting the Petition. Respondents filed a Joint Petition for Rehearing on February 14, 2023 ("Petition for Rehearing"), which Petition for Rehearing was denied. On February 28, 2023, the Court of Appeal modified its Appellate Decision ("Modified Opinion"), directing the Trial Court to grant the Petition, in part, and permitting the Trial Court to exercise its discretion as to whether severance findings under Pub. Resources Code § 21168.9(b) could be made.

Respondents filed a Joint Motion for Severance and for Limited Remedy on May 8, 2023 ("Severance Motion"). The Severance Motion was heard in the within Court, on August 11, 2023, Petitioners being present in person and being represented by R. Bruce Tepper, of R. BRUCE TEPPER, ALC, and Tal Finney, of FINNEY ARNOLD, LLP, their counsel, Respondent being represented by Meghan A. Wharton, of COLANTUONO, HIGHSMITH & WHATLEY, PC, its counsel, and Real Party in Interest ("RPI") being represented by James G. Moose and Nathan O. George, of REMY MOOSE MANLEY, LLP. On August 23, 2023, the Trial Court issued an Order Denying Respondents' Joint Motion for Severance and for Limited Remedy.

The Record of Proceedings having been considered and the matter argued and submitted, and good cause appearing therefor,

IT IS HEREBY ORDERED, ADJUDGED AND DECREED THAT:

1. Respondent City and RPI shall comply with this Court's Order denying the Severance Motion.

2. For the reasons stated in the Modified Opinion, this Court's prior judgment denying the Petition is reversed and judgment shall be entered in favor of Petitioners and against Respondent and RPI.

3. Pursuant to this Court's August 23, 2023, Order denying Respondents' Joint Motion for Limited Remedy and Severance Findings ("Remedy Order"), attached hereto as **Exhibit A** and made a part hereof, Petitioners' Verified Petition for Writ of Mandate (Petition) is granted as to the First Cause of Action (Violation of CEQA: EIR does not comply with CEQA), because, as set forth more fully in the Modified Opinion, the environmental impact report (EIR) certified by the City for the Dorsey Marketplace project (Project) failed to analyze SR 20/49 as a contributor of mobile source emissions and the associated health risks for future Project residents and occupants. The Petition is denied as to the remaining causes of action.

4. A Peremptory Writ of Mandate shall issue under the seal of this Court, in the form attached hereto as **Exhibit B** and made a part hereof, directing Respondents to correct the deficiencies in the EIR's analysis of SR 20/49 as a contributor of mobile source emissions and the associated health risks for future Project residents and occupants. Any Project activity or activities that could result in an adverse change or alteration to the physical environment are Ordered suspended until the City has taken the necessary actions to comply with CEQA, as set forth in the Peremptory Writ of Mandate and as set forth more fully in the Modified Opinion and Remedy Order.

5. This matter is remanded to the City to take the steps required by law, this Judgment, and the Peremptory Writ of Mandate.

6. The Court shall retain jurisdiction over the City's proceedings by way of a Return to the Peremptory Writ of Mandate until the Court determines that the City has complied with CEQA, the Modified Opinion, and the Remedy Order as specified in the Peremptory Writ of Mandate.

7. Petitioners shall recover such costs of suit as determined by this Court after a timely filed and served Memorandum of Costs, subject to any timely filed and served motion(s) to tax costs.

8. The Court reserves jurisdiction to consider a request for an award of reasonable attorneys' fees pursuant to a proper and timely filed motion by Petitioners under Code of Civil

Procedure section 1021.5 and California Rules of Court, rule 3.1702.

IT IS SO ORDERED.

Date: 10/17/2023

HONORABLE S. ROBERT TICE-RASKIN
Judge of the Superior Court

Approved as to form:

DATED: October 7, 2023

COLANTUONO, HIGHSMITH & WHATLEY, PC

Michael G. Colantuono, Esq.
Attorneys for The City of Grass Valley

DATED: October 06, 2023

REMY MOOSE MANLEY, LLP

James G. Moose, Esq.
Attorneys for Real Party in Interest
Russ Jeter (Formerly the R. Jeter Family Trust)

Respectfully submitted,

DATED: October 9, 2023

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Protect Grass Valley and Ralph A. Silberstein

EXHIBIT A

COPY OF TRIAL COURT'S REMEDY ORDER
(See Next Page)

FILED
BY SUPERIOR COURT OF CALIFORNIA,
COUNTY OF NEVADA
08/23/2023
LAILA A. WAHEED, CLERK OF THE COURT
LUCAS MEADOWS, DEPUTY

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SUPERIOR COURT OF THE STATE OF CALIFORNIA
COUNTY OF NEVADA

COMMUNITY ENVIRONMENTAL ADVOCATES, COMMUNITY ENVIRONMENTAL ADVOCATES FOUNDATION, PROTECT GRASS VALLEY AND RALPH A. SILBERSTEIN

Petitioners,

v.

CITY OF GRASS VALLEY,

Respondent;

RUSSELL JETER AS TRUSTEE OF R. JETER FAMILY TRUST [FORMERLY THE R JETER FAMILY TRUST].

Real Party in Interest.

Superior Court CASE NO.: CU20-084791

(Court of Appeal No. C094613)

ORDER DENYING RESPONDENT'S AND REAL PARTY IN INTEREST'S JOINT MOTION FOR SEVERANCE FINDINGS AND LIMITED REMEDY

JUDGE: Hon. S. Robert Tice-Raskin
HEARING: August 11, 2023
TIME: 10:00 a.m.
DEPT: 6

Date Action Filed: August 3, 2020

This matter came on for hearing on August 11, 2023, in Department 6 of the Superior Court of the State of California, County of Nevada, the Honorable S. Robert Tice-Raskin presiding. R. Bruce Tepper and Tal C. Finney appeared for Petitioners Community Environmental Advocates, Community Environmental Advocates Foundation, Protect Grass Valley, and Ralph A. Silberstein. Meghan A. Wharton appeared for Respondent City of Grass Valley. James G. Moose and Nathan O. George appeared for Real Parties in Interest R. Jeter Family Trust and Russell Jeter as Trustee of the R. Jeter Family Trust.

On August 10, 2023, the Court had issued a Tentative Ruling on Respondents' Joint Motion for Severance and Limited Remedy ("Motion"). After argument, the Court made modifications to the Tentative Ruling, a true and correct copy of which is attached hereto as **Exhibit A** and made a part hereof. The Modifications have been fully incorporated in the Court's Final Ruling, provided hereinbelow:

The Court has read and considered the following: the Motion; the papers submitted by the parties, including the initial and reply Memoranda of Points and Authorities submitted by Respondents and Real Party in Interest for their Motion, the Petitioners' Opposition to the Motion, the parties' supporting declarations; and arguments of counsel. For the reasons described below, the Court hereby Orders that Respondents' and Real Parties' Motion is denied.

Respondent, City of Grass Valley ("City") and Real Parties in Interest R. Jeter Family Trust and Russell Jeter as Trustee of the R. Jeter Family Trust ("Real Parties") request the Court to adopt findings under Public Resources Code section 21168.9, subdivision (b), to allow partial decertification of the environmental impact report (EIR) certified by the City for Real Party's project and to allow project activities unaffected by the air quality issue with the EIR found by the Court of Appeal to move forward while the City revises the EIR at issue. Petitioner Community Environmental Advocates oppose the same. *Save Our Capitol! v. Department of General Services* (2023) 87 Cal.App.5th 655, delineates the applicable standard for the request made:

> CEQA "allows a trial court to leave project approvals in place.... CEQA does not require the court, on finding CEQA error, to void all project approvals." (*Central Delta Water Agency v. Department of Water Resources* (2021) 69 Cal.App.5th 170, 205, 284 Cal.Rptr.3d 212.) If a court determines a public agency has not complied with CEQA, it must order or issue a peremptory writ of mandate requiring the agency to do one or more of the following: (1) void the project approval "in whole or in part;" (2) suspend any or all project activities that could prejudice consideration or implementation of mitigation measures or project alternatives necessary to bring the determination into compliance with CEQA; or (3) take specific action as necessary to bring the agency's consideration of the project into compliance with CEQA. (§ 21168.9, subd. (a); Guidelines, § 15234, subd. (a).)
>
> The order shall be limited to that portion of a determination, finding, or decision or the specific project activity or activities found to be in noncompliance if the court finds that (1) the portion or specific project activity or activities are severable, (2) severance will not prejudice the agency's compliance with CEQA, and (3) the court has not found that the remainder of the project did not comply with CEQA. (§ 21168.9, subd. (b); Guidelines, § 15234, subd. (b).) A court may also exercise its equitable discretion to permit an agency to proceed with a project or individual project activities during the remand period. (Guidelines, § 15234, subd. (c).)
> *Id.* at 709.

The question presented is whether a portion of the project can be severed without prejudicing the City's compliance with CEQA.

On appeal, the appellate court found one CEQA deficiency in connection with the project's EIR and reversed the judgment in part on that ground:

> We agree with plaintiffs that the **EIR's air quality analysis is deficient because it does not evaluate adequately State Route (SR) 20/49 as a contributor of mobile source pollution and the associated health risks for future project occupants.** We reject plaintiffs' remaining arguments. Accordingly, we shall reverse the judgment in part, with instructions to grant the petition for writ of mandate with respect to the EIR's analysis of air quality impacts, and affirm the trial court's order and judgment denying the writ petition in all other respects. *Community Environmental Advocates v. City of Grass Valley* (Cal. Ct. App., Jan. 30, 2023, No. C094613) 2023 WL 1095778, at *1, as modified on denial of reh'g (Feb. 28, 2023)(bold supplied).

The appellate court's detailed discussion of the issue was as follows:

Plaintiffs contend the EIR is flawed because, even though the project site is bordered by SR 20/49, the EIR ignored SR 20/49 as an emissions source. **Plaintiffs argue that the City should have prepared a health risk assessment to evaluate the human health risks to sensitive receptors at the project site due to its proximity to SR 20/49.**
The City claims the EIR discussed adequately the potential air quality impacts of the project. Relying on [*California Building Industry Assn. v. Bay Area Air Quality Management Dist.* (2015)] 62 Cal.4th 369 [("CBIA")], the City contends that pollution exposure reduction strategies were incorporated into the project and the air quality impacts of existing traffic on SR 20/49 were properly treated as components of the existing environment, not impacts of the project required to be analyzed in the EIR. We find the City's reliance on CBIA misplaced.

The issue in CBIA was whether thresholds of significance for "new receptors" adopted by the Bay Area Air Quality Management District (the district) were invalid because they required analysis of how existing environmental conditions would impact a proposed project's future residents or users. (*CBIA*, supra, 62 Cal.4th at pp. 378-380.) After the Court of Appeal upheld the thresholds, our Supreme Court granted review to decide under what circumstances, if any, CEQA requires an analysis of how existing environmental conditions will impact future residents or users of a proposed project. (*CBIA*, at pp. 380-381.)

The Supreme Court concluded that CEQA does not generally require an evaluation of how existing hazards or conditions might impact future residents or users of a proposed project. (*CBIA*, supra, 62 Cal.4th at p. 377.) However, the Supreme Court also recognized exceptions to this general rule. (Id. at pp. 391-392.) One such exception applies when a proposed project risks exacerbating existing environmental hazards. The court held that when a proposed project risks exacerbating environmental hazards or conditions that already exist, the agency must analyze the potential impact of such hazards on future residents or users. (*Id.* at pp. 377, 388; *accord*, *League to Save Lake Tahoe v. County of Placer* (2022) 75 Cal.App.5th 63, 136 ["CEQA requires an EIR to analyze 'any significant environmental effects the project might cause or risk exacerbating by bringing development and people into the area affected' "]; CEQA Guidelines, § 15126.2, subd. (a).)

The City argues that the EIR did analyze whether the project's contribution to traffic to SR 20/49 could exacerbate existing hazards associated with mobile source pollution. Relying on the CARB Handbook, the City argues the EIR concluded there was no evidence that the project would create a new health risk or substantially exacerbate any existing significant health risks to existing or future residents. We take no issue with the City's reliance on the CARB Handbook as a threshold of significance, but we conclude it was misapplied here.

According to the CARB Handbook, air pollution studies indicate that living close to high traffic roadways may lead to adverse health effects, including asthma and reduced lung function. A key observation in the studies is that proximity to the roadway, truck traffic densities, and local meteorology (wind patterns) were key factors affecting the strength of association with adverse health effects. The studies reported an association of adverse health effects with proximity to traffic-related emissions within 1,000 feet, with the strongest association within 300 feet, and a 70 percent drop off in particulate pollution levels at 500 feet. Based on these studies, the CARB Handbook recommends against siting new residences and other sensitive receptors within 500 feet of a freeway, urban roads with 100,000 vehicles per day, or rural roads with 50,000 vehicles per day.

Under Alternative B, the nearest residences in the proposed project would be sited about 170 feet from the SR 20/49 travel lanes, well within the 500-foot recommended buffer. The City nevertheless determined that a detailed health risk assessment was not required. Because total traffic volume on SR 20/49 was below the rural significance threshold of 50,000 vehicles per day, the City concluded "there [was] no significant health risk that the project could exacerbate."

Other information in the EIR, however, shows that the average daily traffic volume for SR 20/49 is expected to increase to 56,000 vehicles by 2035, and that the proposed project would add an additional 1,000 daily vehicle trips to that total. Thus, the total traffic volume would exceed the 50,000-daily-vehicles threshold described in the CARB Handbook under existing-plus-project future conditions. Future residents of the project would be exposed to substantial concentrations of toxic air contaminants associated with SR 20/49.

It follows that SR 20/49 is a potentially significant source of hazardous automobile emissions that the proposed project risks exacerbating. As a result, the project's potentially significant exacerbating effects should have been evaluated in the EIR.

Since the EIR failed to evaluate the potential impact of such emissions on future residents and users, the EIR did not contain sufficient analysis to enable those who did not participate in its preparation to understand and meaningfully consider the extent to which the project could adversely affect the health of the project's occupants. ([*Sierra Club v. County of Fresno* (2018) 6 Cal.5th 502,] 515-516, 518-520; *see Berkeley Keep Jets Over the Bay Com. v. Board of Port Cmrs*., [(2001) 91 Cal.App.4th 1344,] 1370 [" 'agency must use its best efforts to find out and disclose all that it reasonably can,' " italics omitted].)

> The fact that the project design incorporates certain strategies to minimize exposure to toxic air contaminants does not alter this conclusion. **The EIR does not give any sense of the nature or magnitude of the potential health risks posed by the project's proximity to SR 20/49, or the relative effectiveness of the pollution reduction strategies. The draft EIR did not even mention SR 20/49 as a potential emission source, let alone quantify the emissions and correlate them to potential health risks.** Thus, even if the strategies help minimize exposure to toxic air contaminants, it is impossible on this record to conclude that they reduced the project's potentially significant exacerbating effects to less than significant. **We therefore agree with plaintiffs that the EIR failed to evaluate adequately the human health effects of project residents' exposure to mobile source air pollution.**
> *Id.* at *12–13 (bold supplied).

In the disposition, the Third District states:

> **We have concluded that the EIR prepared by the City is an inadequate informational document in that it fails to evaluate adequately the human health effects of residents' exposure to mobile source air pollution.** Therefore, we reverse the judgment denying the petition for writ of mandate on this basis, and remand this matter to the superior court with instructions to enter a new judgment granting the petition (in part) and ordering issuance of a peremptory writ of mandate consistent with the requirements of section 21168.9 and this opinion. On remand, the trial court may exercise its discretion to determine whether the severability criteria in subdivision (b) of section 21168.9 are satisfied. Plaintiffs are awarded their costs on appeal. *Id.* at *19.

Respondents urge the court to find that "the defect in the EIR is limited to the failure to analyze the Project's potential to exacerbate vehicular TAC emissions from SR 20/49 in 2035 by adding 1,000 ADT to that roadway and the health effects of those emissions on future project residents 'within the 500-foot recommended buffer.' " Reply at 6. Respondents further request a finding that "residential development within the 500-foot buffer recommended by CARB and adopted by the City as a threshold of significance is severable from the rest of the Project." *Ibid.*

The Court is not persuaded. The defect in the EIR, per the appellate court's opinion, was that "**Future residents of the project** would be exposed to substantial concentrations of toxic air contaminants associated with SR 20/49," and, as such, "the project's potentially significant exacerbating effects should have been evaluated in the EIR." *Id.* at 13 (bold added). The Third District faulted the EIR for its failure "to evaluate the potential impact of

such emissions on **future residents and users"** and for lacking sufficient analysis as to the "extent to which the project could adversely affect the health of the **project's occupants.**" *Ibid.* (bold added). Per the panel, "The EIR does not give any sense of the nature or magnitude of the potential health risks posed by the project's proximity to SR 20/49, or the relative effectiveness of the pollution reduction strategies. The draft EIR did not even mention SR 20/49 as a potential emission source, let alone quantify the emissions and correlate them to potential health risks." *Ibid.*

This Court, based on the law of this case and the evidence presented, does not find that residential development "within the 500-foot buffer" as suggested by the City is severable from the rest of the project. Moreover, the Court finds that severance will prejudice the City's compliance with CEQA's air quality analysis requirements to evaluate potential impact of SR 20/49 emissions on future project residents and occupants.

The request is denied.

Pursuant to the opinion of the Court of Appeal, the judgment denying the petition for writ of mandate is set aside. A new judgment shall be issued granting the petition in part, solely as to the argument that the EIR is inadequate in that it fails to evaluate adequately the human health effects of exposure to mobile source air pollution by future residents and occupants. The petition is denied as to all remaining arguments. A peremptory writ of mandate is hereby issued directing Respondents to correct the deficiencies in the EIR's analysis of SR 20/49 as a contributor of mobile source emissions and the associated health risks for future project residents and occupants. Any project activity or activities that could result in an adverse change or alteration to the physical environment are suspended until the City has taken the necessary actions to comply with CEQA.

IT IS HEREBY ORDERED, ADJUDGED, and DECREED THAT:

1. For all the reasons set forth in the attached Final Ruling, the Respondents' Joint Motion for Severance Findings and Limited Remedy is denied in its entirety.

IT IS SO ORDERED AND ADJUDGED.

Date: 08/22/2023

HONORABLE S. ROBERT TICE-RASKIN
Judge of the Superior Court

Approved as to form:

DATED: August 21, 2023

COLANTUONO, HIGHSMITH & WHATLEY, PC

for

Michael G. Colantuono, Esq.
Attorneys for The City of Grass Valley

DATED: August 18, 2023

REMY MOOSE MANLEY, LLP

James G. Moose, Esq.
Attorneys for Real Party in Interest
Russ Jeter (Formerly the R. Jeter Family Trust)

10

Respectfully submitted,

DATED: August 18, 2023

FINNEY ARNOLD , LLP
Tal C. Finney
Shaune B. Arnold
R. BRUCE TEPPER, ALC

R. Bruce Tepper
Attorneys for Petitioners,
Community Environmental Advocates,
Community Environmental Advocates Foundation,
Protect Grass Valley and Ralph A. Silberstein

EXHIBIT A

COPY OF ORIGINAL TENTATIVE RULING
(See Next Page)

5. CU20-084577 Messenger v. Forest River

Appearances are required for hearing by counsel for a Ruling on the Motions which had been set for July 28, 2023.

6. CU20-084791 Community Environmental Advocates v. City of Grass Valley

Respondents and Real Parties' Motion for Severance is denied.

Respondent City of Grass Valley (City) and Real Parties in Interest R. Jeter Family Trust and Russell Jeter as Trustee of the R. Jeter Family Trust (Real Parties) request the Court to adopt findings under Public Resources Code section 21168.9, subdivision (b), to allow partial decertification of the environmental impact report (EIR) certified by the City for Real Party's project and to allow project activities unaffected by the air quality issue with the EIR found by the Court of Appeal to move forward while the City revises the EIR at issue. Petitioner Community Environmental Advocates oppose the same.

Save Our Capitol! v. Department of General Services (2023) 87 Cal.App.5th 655, delineates the applicable standard for the request made:

CEQA "allows a trial court to leave project approvals in place.... CEQA does not require the court, on finding CEQA error, to void all project approvals." (*Central Delta Water Agency v. Department of Water Resources* (2021) 69 Cal.App.5th 170, 205, 284 Cal.Rptr.3d 212.) If a court determines a public agency has not complied with CEQA, it must order or issue a peremptory writ of mandate requiring the agency to do one or more of the following: (1) void the project approval "in whole or in part;" (2) suspend any or all project activities that could prejudice consideration or implementation of mitigation measures or project alternatives necessary to bring the determination into compliance with CEQA; or (3) take specific action as necessary to bring the agency's consideration of the project into compliance with CEQA. (§ 21168.9, subd. (a); Guidelines, § 15234, subd. (a).)

The order shall be limited to that portion of a determination, finding, or decision or the specific project activity or activities found to be in noncompliance if the court finds that (1) the portion or specific project activity or activities are severable, (2) severance will not prejudice the agency's compliance with CEQA, and (3) the court has not found that the remainder of the project did not comply with CEQA. (§ 21168.9, subd. (b); Guidelines, § 15234, subd. (b).) A court may also exercise its equitable discretion to permit an agency to proceed with a project or individual project activities during the remand period. (Guidelines, § 15234, subd. (c).)

Id. at 709.

The question presented is whether a portion of the project can be severed without prejudicing the City's compliance with CEQA.

On appeal, the appellate court found one CEQA deficiency in connection with the project's EIR and reversed the judgment in part on that ground:

We agree with plaintiffs that the **EIR's air quality analysis is deficient because it does not evaluate adequately State Route (SR) 20/49 as a contributor of mobile source pollution and the associated health risks for future project occupants.** We reject plaintiffs' remaining arguments. Accordingly, we shall reverse the judgment in part, with instructions to grant the petition for writ of mandate with respect to the EIR's analysis of air quality impacts, and affirm the trial court's order and judgment denying the writ petition in all other respects.

Community Environmental Advocates v. City of Grass Valley (Cal. Ct. App., Jan. 30, 2023, No. C094613) 2023 WL 1095778, at *1, as modified on denial of reh'g (Feb. 28, 2023)(bold supplied).

The appellate court's detailed discussion of the issue was as follows:

Plaintiffs contend the EIR is flawed because, even though the project site is bordered by SR 20/49, the EIR ignored SR 20/49 as an emissions source. **Plaintiffs argue that the City should have prepared a health risk assessment to evaluate the human health risks to sensitive receptors at the project site due to its proximity to SR 20/49.**

The City claims the EIR discussed adequately the potential air quality impacts of the project. Relying on [*California Building Industry Assn. v. Bay Area Air Quality Management Dist.* (2015)] 62 Cal.4th 369 [("CBIA")], the City contends that pollution exposure reduction strategies were incorporated into the project and the air quality impacts of existing traffic on SR 20/49 were properly treated as components of the existing environment, not impacts of the project required to be analyzed in the EIR. We find the City's reliance on CBIA misplaced.

The issue in CBIA was whether thresholds of significance for "new receptors" adopted by the Bay Area Air Quality Management District (the district) were invalid because they required analysis of how existing environmental conditions would impact a proposed project's future residents or users. (*CBIA*, supra, 62 Cal.4th at pp. 378-380.) After the Court of Appeal upheld the thresholds, our Supreme Court granted review to decide under what circumstances, if any, CEQA requires an analysis of how existing environmental conditions will impact future residents or users of a proposed project. (*CBIA*, at pp. 380-381.)

The Supreme Court concluded that CEQA does not generally require an evaluation of how existing hazards or conditions might impact future residents or users of a proposed project. (*CBIA*, supra, 62 Cal.4th at p. 377.) However, the Supreme Court also recognized exceptions to this general rule. (Id. at pp. 391-392.) One such exception applies when a proposed project risks exacerbating existing environmental hazards. The court held that when a proposed project risks exacerbating environmental hazards or conditions that already exist, the agency must analyze the potential impact of such hazards on future residents or users. (*Id.* at pp. 377, 388; *accord*, *League to Save Lake Tahoe v. County of Placer* (2022) 75 Cal.App.5th 63, 136 ["CEQA requires an EIR to analyze 'any significant environmental effects the project might cause or risk exacerbating by bringing development and people into the area affected' "]; CEQA Guidelines, § 15126.2, subd. (a).)

The City argues that the EIR did analyze whether the project's contribution to traffic to SR 20/49 could exacerbate existing hazards associated with mobile source pollution. Relying on the CARB Handbook, the City argues the EIR concluded there was no evidence that the project would create a new health risk or substantially exacerbate any existing significant health risks to existing or future residents. We take no issue with the City's reliance on the CARB Handbook as a threshold of significance, but we conclude it was misapplied here.

According to the CARB Handbook, air pollution studies indicate that living close to hi traffic roadways may lead to adverse health effects, including asthma and reduced lung function. A key observation in the studies is that proximity to the roadway, truck traffic densities, and local meteorology (wind patterns) were key factors affecting the strength of association with adverse health effects. The studies reported an association of adverse health effects with proximity to traffic-related emissions within 1,000 feet, with the strongest association within 300 feet, and a 70 percent drop off in particulate pollution levels at 500 feet. Based on these studies, the CARB Handbook recommends against siting new residences and other sensitive receptors within 500 feet of a freeway, urban roads with 100,000 vehicles per day, or rural roads with 50,000 vehicles per day.

Under Alternative B, the nearest residences in the proposed project would be sited about 170 feet from the SR 20/49 travel lanes, well within the 500-foot recommended buffer. The City nevertheless determined that a detailed health risk assessment was not required. Because total traffic volume on SR 20/49 was below the rural significance threshold of 50,000 vehicles per day, the City concluded “there [was] no significant health risk that the project could exacerbate.”

Other information in the EIR, however, shows that the average daily traffic volume for SR 20/49 is expected to increase to 56,000 vehicles by 2035, and that the proposed project would add an additional 1,000 daily vehicle trips to that total. Thus, the total traffic volume would exceed the 50,000-daily-vehicles threshold described in the CARB Handbook under existing-plus-project future conditions. Future residents of the project would be exposed to substantial concentrations of toxic air contaminants associated with SR 20/49.

It follows that SR 20/49 is a potentially significant source of hazardous automobile emissions that the proposed project risks exacerbating. As a result, the project's potentially significant exacerbating effects should have been evaluated in the EIR.

Since the EIR failed to evaluate the potential impact of such emissions on future residents and users, the EIR did not contain sufficient analysis to enable those who did not participate in its preparation to understand and meaningfully consider the extent to which the project could adversely affect the health of the project's occupants. ([*Sierra Club v. County of Fresno* (2018) 6 Cal.5th 502,] 515-516, 518-520; *see Berkeley Keep Jets Over the Bay Com. v. Board of Port Cmrs.*, [(2001) 91 Cal.App.4th 1344,] 1370 [" 'agency must use its best efforts to find out and disclose all that it reasonably can,' " italics omitted].)

The fact that the project design incorporates certain strategies to minimize exposure to toxic air contaminants does not alter this conclusion. **The EIR does not give any sense of the nature or magnitude of the potential health risks posed by the project's proximity to SR 20/49, or the relative effectiveness of the pollution reduction strategies. The draft EIR did not even mention SR 20/49 as a potential emission source, let alone quantify the emissions and correlate them to potential health risks.** Thus, even if the strategies help minimize exposure to toxic air contaminants, it is impossible on this record to conclude that they reduced the project's potentially significant exacerbating effects to less than significant. **We therefore agree with plaintiffs that the EIR failed to evaluate adequately the human health effects of project residents' exposure to mobile source air pollution.**

Id. at *12–13 (bold supplied).

In the disposition, the Third District states:

We have concluded that the EIR prepared by the City is an inadequate informational document in that it fails to evaluate adequately the human health effects of residents' exposure to mobile source air pollution. Therefore, we reverse the judgment denying the petition for writ of mandate on this basis, and remand this matter to the superior court with instructions to enter a new judgment granting the petition (in part) and ordering issuance of a peremptory writ of mandate consistent with the requirements of section 21168.9 and this opinion. On remand, the trial court may exercise its discretion to determine whether the severability criteria in subdivision (b) of section 21168.9 are satisfied. Plaintiffs are awarded their costs on appeal.

Id. at *19.

Respondents urge the court to find that "the defect in the EIR is limited to the failure to analyze the Project's potential to exacerbate vehicular TAC emissions from SR 20/49 in 2035 by adding 1,000 ADT to that roadway and the health effects of those emissions on future project residents 'within the 500-foot recommended buffer.' " Reply at 6. Respondents further request a finding that "residential development within the 500-foot buffer recommended by CARB and adopted by the City as a threshold of significance is severable from the rest of the Project." *Ibid.*

The Court is not persuaded. The defect in the EIR, per the appellate court's opinion, was that "**Future residents of the project** would be exposed to substantial concentrations of toxic air contaminants associated with SR 20/49," and, as such, "the project's potentially significant exacerbating effects should have been evaluated in the EIR." *Id.* at 13 (bold added). The Third District faulted the EIR for its failure "to evaluate the potential impact of such emissions on **future residents and users**" and for lacking sufficient analysis as to the "extent to which the project could adversely affect the health of the **project's occupants.**" *Ibid.* (bold added). Per the panel, "The EIR does not give any sense of the nature or magnitude of the potential health risks posed by the project's proximity to SR 20/49, or the relative effectiveness of the pollution reduction strategies. The draft EIR did not even mention SR 20/49 as a potential emission source, let alone quantify the emissions and correlate them to potential health risks." *Ibid.*

This Court, based on the law of this case and the evidence presented, does not find that residential development "within the 500-foot buffer" as suggested by the City is severable from the rest of the project. Moreover, the Court finds that severance will prejudice the City's compliance with CEQA's air quality analysis requirements to evaluate potential impact of

SR 20/49 emissions on future project residents, occupants and users.

The request is denied.

Pursuant to the opinion of the Court of Appeal, the judgment denying the petition for writ of mandate is set aside. A new judgment shall be issued granting the petition in part, solely as to the argument that the EIR is inadequate in that it fails to evaluate adequately the human health effects of exposure to mobile source air pollution by future residents, occupants, and users. The petition is denied as to all remaining arguments. A peremptory writ of mandate is hereby issued directing Respondents to correct the deficiencies in the EIR's analysis of SR 20/49 as a contributor of mobile source emissions and the associated health risks for future project residents, occupants, and users. Any project activity or activities that could result in an adverse change or alteration to the physical environment are suspended until the City has taken the necessary actions to comply with CEQA.

Petitioners shall submit an order after hearing and amended judgment, approved as to form by Respondents, consistent with this ruling.

7. CU20-084829 Fire Ins. v. Harrison

A tentative ruling will likely issue August 10, 2023, at approximately 4:00 p.m. Defendant Liberty Utilities' Motion for Summary Judgment will be denied. The Alternative Motion for Summary Adjudication will likewise be denied. Appearances are required (remote appearances are permitted), but argument will be held at 1:00 pm in Dept. 6, not 10:00 am.

8. CU21-084369 Rabkin v. Rabkin

Appearances are required by counsel. The Court requires a status of the escrow.

9. CU21-085177 Caston v. Berry Hill Apts.

Defendants' unopposed Motion to Compel Plaintiff's Responses to Supplemental Request for Production of Documents is granted. Plaintiff shall serve responses and responsive documents, without objections, by August 21, 2023. Defendants are awarded sanctions of $645.00.

10. CU21-085597 Vickers v. Ralph

PROOF OF SERVICE - CCP §§ 1013a, 2015.5

I am employed in the County of Los Angeles, State of California. I am over the age of 18 and not a party to the within action; my business address is 633 W. 5th Street, 28th Floor, Los Angeles, California 90071.

On the date set forth below, I served the foregoing document described as follows:

[PROPOSED] ORDER DENYING RESPONDENT'S AND REAL PARTY IN INTEREST'S JOINT MOTION FOR SEVERANCE FINDINGS AND LIMITED REMEDY

on the interested parties in this action by placing ___ the original/ __X__ a true copy thereof enclosed in a sealed envelope(s) addressed as follows:

SEE ATTACHED SERVICE LIST

[ ] **BY MAIL** I deposited such envelopes in the mail at Los Angeles, California. I am readily familiar with the firm's practice of collection and processing of correspondence for mailing. Under that practice it would be deposited with the U.S. Postal Service on that same day with postage thereon fully prepaid at Los Angeles, California, in the ordinary course of business.

[ ] **BY PERSONAL SERVICE** I hand delivered such envelope by hand to the addressee(s) indicated on the Service List attached hereto.

[ ] **BY FEDEX** I caused such envelopes to be served via FedEx. I am readily familiar with the firm's practice of collection and processing of correspondence for FedEx. Under that practice it would be deposited in a box or other facility regularly maintained by FedEx for next day delivery.

[ ] **BY FACSIMILE MACHINE**: The foregoing document was transmitted to the attached named person(s) by facsimile transmission on said date and the transmission was reported as complete and without error.

[X] **BY ELECTRONIC TRANSMISSION**: The foregoing document was transmitted via electronic mail to the addressee(s), at the e-mail address(es) indicated on the attached service list.

[X] (**STATE**) I declare under penalty of perjury that the foregoing is true and correct.

[ ] (**FEDERAL**) I declare that I am employed in the office of a member of the bar of this court at whose direction the service was made.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration was executed on August 21, 2023, at Los Angeles, California.

Amanda Donnelly

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EXHIBIT B

COPY OF PEREMPTORY WRIT OF MANDATE
(See Next Page)

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Protect Grass Valley and Ralph A. Silberstein

SUPERIOR COURT OF THE STATE OF CALIFORNIA
COUNTY OF NEVADA

COMMUNITY ENVIRONMENTAL ADVOCATES, COMMUNITY ENVIRONMENTAL ADVOCATES FOUNDATION, PROTECT GRASS VALLEY AND RALPH A. SILBERSTEIN Petitioners, v. **CITY OF GRASS VALLEY,** Respondent; **RUSSELL JETER AS TRUSTEE OF R. JETER FAMILY TRUST [FORMERLY THE R JETER FAMILY TRUST].** Real Party in Interest.	**Superior Court CASE NO.: CU20-084791** (Court of Appeal No. C094613) **[PROPOSED] PEREMPTORY WRIT OF MANDATE** **JUDGE:** **Hon. S. Robert Tice-Raskin** **HEARING:** **August 11, 2023** **TIME:** **10:00 a.m.** **DEPT:** **6** **Date Action Filed: August 3, 2020**

TO THE CITY OF GRASS VALLEY:

This Court, having entered judgment in this proceeding ordering that a Peremptory Writ of Mandate ("Writ") issue under seal of this Court,

YOU ARE HEREBY COMMANDED, upon service of this Writ, to do the following:

1. Respondent City of Grass Valley ("City"), within five (5) days after service of this Writ, shall suspend any activity or activities as to the Dorsey Marketplace project ("Project") that could result in an adverse change or alteration to the physical environment until the City has taken the necessary actions to comply with the California Environmental Quality Act ("CEQA"), embodied in Public Resources Code ("PRC") §§ 21000, *et seq*., as fully set forth in Paragraph 2, below.

2. The City shall take any actions that may be necessary to correct the deficiencies in the Project EIR's analysis of SR 20/49 as a contributor of mobile source emissions and the associated health risks for future Project residents and occupants, as articulated more fully by the Court of Appeal in its decision on this matter, issued on January 30, 2023 as modified, on February 28, 2023 ("Modified Opinion"), as well as this Court's August 23, 2023, Order denying Respondents' Joint Motion for Limited Remedy and Severance Findings ("Remedy Order"). Only after such deficiencies have been corrected may the City choose to permit the implementation of any and all previously suspended Project activities and Project Approvals.

3. Pursuant to PRC §21168.9(a)(2), Real Party in Interest, their respective agents, officers, employees, and any successor in interest are directed not to commence any Project activity or activities that could result in an adverse change or alteration to the physical environment until the City has complied with Paragraph 2 of this Writ.

4. The City shall file a Return to the Writ ("Return") within thirty (30) days of the City's completion of correcting the deficiencies in the EIR's analysis of SR 20/49 as a contributor of mobile source emissions and the associated health risks for future Project residents

and occupants, as stated in Paragraph 2, above. The Return shall specify the actions taken to comply with the terms of this Peremptory Writ of Mandate.

5. This Court shall retain jurisdiction over the City's proceedings by way of the Return until the Court has determined that the City has complied with CEQA as specified herein.

6. Pursuant to PRC §21168.9 (c), nothing in this Writ shall be construed to direct the City to exercise its lawful discretion in any particular way.

Dated: _____

_____
CLERK OF THE COURT

Approved as to form:

DATED: October 7, 2023

COLANTUONO, HIGHSMITH & WHATLEY, PC

_____
Michael G. Colantuono, Esq.
Attorneys for The City of Grass Valley

DATED: October 06, 2023

REMY MOOSE MANLEY, LLP

_____
James G. Moose, Esq.
Attorneys for Real Party in Interest
Russell Jeter (Formerly the R. Jeter Family Trust)

Respectfully submitted,

DATED: October 9, 2023

FINNEY ARNOLD , LLP
Tal C. Finney
Shaune B. Arnold
R. BRUCE TEPPER, ALC

_____
R. Bruce Tepper
Attorneys for Petitioners,
Community Environmental Advocates,
Community Environmental Advocates Foundation,
Protect Grass Valley and Ralph A. Silberstein

PROOF OF SERVICE - CCP §§ 1013a, 2015.5

I am employed in the County of Los Angeles, State of California. I am over the age of 18 and not a party to the within action; my business address is 633 W. 5th Street, 28th Floor, Los Angeles, California 90071.

On the date set forth below, I served the foregoing document described as follows:

[PROPOSED] PEREMPTORY WRIT OF MANDATE

on the interested parties in this action by placing ___ the original/ __X__ a true copy thereof enclosed in a sealed envelope(s) addressed as follows:

SEE ATTACHED SERVICE LIST

[ ] **BY MAIL** I deposited such envelopes in the mail at Los Angeles, California. I am readily familiar with the firm's practice of collection and processing of correspondence for mailing. Under that practice it would be deposited with the U.S. Postal Service on that same day with postage thereon fully prepaid at Los Angeles, California, in the ordinary course of business.

[ ] **BY PERSONAL SERVICE** I hand delivered such envelope by hand to the addressee(s) indicated on the Service List attached hereto.

[ ] **BY FEDEX** I caused such envelopes to be served via FedEx. I am readily familiar with the firm's practice of collection and processing of correspondence for FedEx. Under that practice it would be deposited in a box or other facility regularly maintained by FedEx for next day delivery.

[ ] **BY FACSIMILE MACHINE**: The foregoing document was transmitted to the attached named person(s) by facsimile transmission on said date and the transmission was reported as complete and without error.

[X] **BY ELECTRONIC TRANSMISSION**: The foregoing document was transmitted via electronic mail to the addressee(s), at the e-mail address(es) indicated on the attached service list.

[X] (**STATE**) I declare under penalty of perjury that the foregoing is true and correct.

[ ] (**FEDERAL**) I declare that I am employed in the office of a member of the bar of this court at whose direction the service was made.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration was executed on October ___, 2023, at Los Angeles, California.

_____
Amanda Donnelly

SERVICE LIST

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SERVICE BY MAIL ONLY (Briefs Only)

California State Attorney General
1300 "I" Street
Sacramento, CA 95814

PROOF OF SERVICE - CCP §§ 1013a, 2015.5

I am employed in the County of Los Angeles, State of California. I am over the age of 18 and not a party to the within action; my business address is 633 W. 5th Street, 28th Floor, Los Angeles, California 90071.

On the date set forth below, I served the foregoing document described as follows:

[PROPOSED] JUDGEMENT FOR WRIT OF MANDATE SETTING ASIDE ADMINISTRATIVE DECISION

on the interested parties in this action by placing ___ the original/ __X__ a true copy thereof enclosed in a sealed envelope(s) addressed as follows:

SEE ATTACHED SERVICE LIST

[ ] **BY MAIL** I deposited such envelopes in the mail at Los Angeles, California. I am readily familiar with the firm's practice of collection and processing of correspondence for mailing. Under that practice it would be deposited with the U.S. Postal Service on that same day with postage thereon fully prepaid at Los Angeles, California, in the ordinary course of business.

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[X] (**STATE**) I declare under penalty of perjury that the foregoing is true and correct.

[ ] (**FEDERAL**) I declare that I am employed in the office of a member of the bar of this court at whose direction the service was made.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration was executed on October 10, 2023, at Los Angeles, California.

Amanda Donnelly

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RECEIVED
BY SUPERIOR COURT OF CALIFORNIA,
COUNTY OF NEVADA
10/16/2023
LAILA A. WAHEED, CLERK OF THE COURT
MELISSA MORGAN, DEPUTY

FILED
BY SUPERIOR COURT OF CALIFORNIA,
COUNTY OF NEVADA
10/19/2023
LAILA A. WAHEED, CLERK OF THE COURT
MELISSA MORGAN, DEPUTY

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SUPERIOR COURT OF THE STATE OF CALIFORNIA
COUNTY OF NEVADA

COMMUNITY ENVIRONMENTAL ADVOCATES, COMMUNITY ENVIRONMENTAL ADVOCATES FOUNDATION, PROTECT GRASS VALLEY AND RALPH A. SILBERSTEIN Petitioners, v. **CITY OF GRASS VALLEY,** Respondent; **RUSSELL JETER AS TRUSTEE OF R. JETER FAMILY TRUST [FORMERLY THE R JETER FAMILY TRUST].** Real Party in Interest.	**Superior Court CASE NO.: CU20-084791** (Court of Appeal No. C094613) **[~~PROPOSED~~] PEREMPTORY WRIT OF MANDATE** **JUDGE: Hon. S. Robert Tice-Raskin** **HEARING: August 11, 2023** **TIME: 10:00 a.m.** **DEPT: 6** **Date Action Filed: August 3, 2020**

TO THE CITY OF GRASS VALLEY:

This Court, having entered judgment in this proceeding ordering that a Peremptory Writ of Mandate ("Writ") issue under seal of this Court,

YOU ARE HEREBY COMMANDED, upon service of this Writ, to do the following:

1. Respondent City of Grass Valley ("City"), within five (5) days after service of this Writ, shall suspend any activity or activities as to the Dorsey Marketplace project ("Project") that could result in an adverse change or alteration to the physical environment until the City has taken the necessary actions to comply with the California Environmental Quality Act ("CEQA"), embodied in Public Resources Code ("PRC") §§ 21000, *et seq*., as fully set forth in Paragraph 2, below.

2. The City shall take any actions that may be necessary to correct the deficiencies in the Project EIR's analysis of SR 20/49 as a contributor of mobile source emissions and the associated health risks for future Project residents and occupants, as articulated more fully by the Court of Appeal in its decision on this matter, issued on January 30, 2023 as modified, on February 28, 2023 ("Modified Opinion"), as well as this Court's August 23, 2023, Order denying Respondents' Joint Motion for Limited Remedy and Severance Findings ("Remedy Order"). Only after such deficiencies have been corrected may the City choose to permit the implementation of any and all previously suspended Project activities and Project Approvals.

3. Pursuant to PRC §21168.9(a)(2), Real Party in Interest, their respective agents, officers, employees, and any successor in interest are directed not to commence any Project activity or activities that could result in an adverse change or alteration to the physical environment until the City has complied with Paragraph 2 of this Writ.

4. The City shall file a Return to the Writ ("Return") within thirty (30) days of the City's completion of correcting the deficiencies in the EIR's analysis of SR 20/49 as a contributor of mobile source emissions and the associated health risks for future Project residents

and occupants, as stated in Paragraph 2, above. The Return shall specify the actions taken to comply with the terms of this Peremptory Writ of Mandate.

5. This Court shall retain jurisdiction over the City's proceedings by way of the Return until the Court has determined that the City has complied with CEQA as specified herein.

6. Pursuant to PRC §21168.9 (c), nothing in this Writ shall be construed to direct the City to exercise its lawful discretion in any particular way.

Dated: 10/17/2023

HONORABLE S. ROBERT TICE-RASKIN
Judge of the Superior Court

Approved as to form:

DATED: October 7, 2023

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DATED: October 06, 2023

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Respectfully submitted,

DATED: October 9 , 2023

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PROOF OF SERVICE - CCP §§ 1013a, 2015.5

I am employed in the County of Los Angeles, State of California. I am over the age of 18 and not a party to the within action; my business address is 633 W. 5th Street, 28th Floor, Los Angeles, California 90071.

On the date set forth below, I served the foregoing document described as follows:

[PROPOSED] PEREMPTORY WRIT OF MANDATE

on the interested parties in this action by placing ___ the original/ __X__ a true copy thereof enclosed in a sealed envelope(s) addressed as follows:

SEE ATTACHED SERVICE LIST

[ ] **BY MAIL** I deposited such envelopes in the mail at Los Angeles, California. I am readily familiar with the firm's practice of collection and processing of correspondence for mailing. Under that practice it would be deposited with the U.S. Postal Service on that same day with postage thereon fully prepaid at Los Angeles, California, in the ordinary course of business.

[ ] **BY PERSONAL SERVICE** I hand delivered such envelope by hand to the addressee(s) indicated on the Service List attached hereto.

[ ] **BY FEDEX** I caused such envelopes to be served via FedEx. I am readily familiar with the firm's practice of collection and processing of correspondence for FedEx. Under that practice it would be deposited in a box or other facility regularly maintained by FedEx for next day delivery.

[ ] **BY FACSIMILE MACHINE**: The foregoing document was transmitted to the attached named person(s) by facsimile transmission on said date and the transmission was reported as complete and without error.

[X] **BY ELECTRONIC TRANSMISSION**: The foregoing document was transmitted via electronic mail to the addressee(s), at the e-mail address(es) indicated on the attached service list.

[X] (**STATE**) I declare under penalty of perjury that the foregoing is true and correct.

[ ] (**FEDERAL**) I declare that I am employed in the office of a member of the bar of this court at whose direction the service was made.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration was executed on October 10, 2023, at Los Angeles, California.

Amanda Donnelly

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APPENDIX N

Air Quality and Land Use Handbook: A Community Health Perspective

California Air Resources Board, 2005

AIR QUALITY AND LAND USE HANDBOOK: A COMMUNITY HEALTH PERSPECTIVE

April 2005

California Environmental Protection Agency
California Air Resources Board

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To My Local Government Colleagues....

I am pleased to introduce this informational guide to air quality and land use issues focused on community health. As a former county supervisor, I know from experience the complexity of local land use decisions. There are multiple factors to consider and balance. This document provides important public health information that we hope will be considered along with housing needs, economic development priorities, and other quality of life issues.

An important focus of this document is prevention. We hope the air quality information provided will help inform decision-makers about the benefits of avoiding certain siting situations. The overarching goal is to avoid placing people in harm's way. Recent studies have shown that public exposure to air pollution can be substantially elevated near freeways and certain other facilities. What is encouraging is that the health risk is greatly reduced with distance. For that reason, we have provided some general recommendations aimed at keeping appropriate distances between sources of air pollution and land uses such as residences.

Land use decisions are a local government responsibility. The Air Resources Board's role is advisory and these recommendations do not establish regulatory standards of any kind. However, we hope that the information in this document will be seriously considered by local elected officials and land use agencies. We also hope that this document will promote enhanced communication between land use agencies and local air pollution control agencies. We developed this document in close coordination with the California Air Pollution Control Officers Association with that goal in mind.

I hope you find this document both informative and useful.

Barbara Riordan

Mrs. Barbara Riordan
Interim Chairman
California Air Resources Board

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Acknowledgments

The ARB staff would like to acknowledge the exceptional contributions made to this document by members of the ARB Environmental Justice Stakeholders Group. Since 2001, ARB staff has consistently relied on this group to provide critical and constructive input on implementing the specifics of ARB's environmental justice policies and actions. The Stakeholders Group is convened by the ARB, and comprised of representatives from local land use and air agencies, community interest groups, environmental justice organizations, academia, and business. Their assistance and suggestions throughout the development of this Handbook have been invaluable.

Executive Summary

The Air Resources Board's (ARB) primary goal in developing this document is to provide information that will help keep California's children and other vulnerable populations out of harm's way with respect to nearby sources of air pollution. Recent air pollution studies have shown an association between respiratory and other non-cancer health effects and proximity to high traffic roadways. Other studies have shown that diesel exhaust and other cancer-causing chemicals emitted from cars and trucks are responsible for much of the overall cancer risk from airborne toxics in California. Also, ARB community health risk assessments and regulatory programs have produced important air quality information about certain types of facilities that should be considered when siting new residences, schools, day care centers, playgrounds, and medical facilities (i.e., sensitive land uses). Sensitive land uses deserve special attention because children, pregnant women, the elderly, and those with existing health problems are especially vulnerable to the non-cancer effects of air pollution. There is also substantial evidence that children are more sensitive to cancer-causing chemicals.

Focusing attention on these siting situations is an important preventative action. ARB and local air districts have comprehensive efforts underway to address new and existing air pollution sources under their respective jurisdictions. The issue of siting is a local government function. As more data on the connection between proximity and health risk from air pollution become available, it is essential that air agencies share what we know with land use agencies. We hope this document will serve that purpose.

The first section provides ARB recommendations regarding the siting of new sensitive land uses near freeways, distribution centers, rail yards, ports, refineries, chrome plating facilities, dry cleaners, and gasoline dispensing facilities. This list consists of the air pollution sources that we have evaluated from the standpoint of the proximity issue. It is based on available information and reflects ARB's primary areas of jurisdiction – mobile sources and toxic air contaminants. A key air pollutant common to many of these sources is particulate matter from diesel engines. Diesel particulate matter (diesel PM) is a carcinogen identified by ARB as a toxic air contaminant and contributes to particulate pollution statewide.

Reducing diesel particulate emissions is one of ARB's highest public health priorities and the focus of a comprehensive statewide control program that is reducing diesel PM emissions each year. ARB's long-term goal is to reduce diesel PM emissions 85% by 2020. However, cleaning up diesel engines will take time as new engine standards phase in and programs to accelerate fleet turnover or retrofit existing engines are implemented. Also, these efforts are reducing diesel particulate emissions on a statewide basis, but do not yet capture every site where diesel vehicles and engines may congregate. Because living or going to school too close to such air pollution sources may increase both cancer and non-cancer health risks, we are recommending that proximity be considered in the siting of new sensitive land uses.

There are also other key toxic air contaminants associated with specific types of facilities. Most of these are subject to stringent state and local air district regulations. However, what we know today indicates that keeping new homes and other sensitive land uses from siting too close to such facilities would provide additional health protection. Chrome platers are a prime example of facilities that should not be located near vulnerable communities because of the cancer health risks from exposure to the toxic material used during their operations.

In addition to source specific recommendations, we also encourage land use agencies to use their planning processes to ensure the appropriate separation of industrial facilities and sensitive land uses. While we provide some suggestions, how to best achieve that goal is a local issue. In the development of these guidelines, we received valuable input from local government about the spectrum of issues that must be considered in the land use planning process. This includes addressing housing and transportation needs, the benefits of urban infill, community economic development priorities, and other quality of life issues. All of these factors are important considerations. The recommendations in the Handbook need to be balanced with other State and local policies.

Our purpose with this document is to highlight the potential health impacts associated with proximity to air pollution sources so planners explicitly consider this issue in planning processes. We believe that with careful evaluation, infill development, mixed use, higher density, transit-oriented development, and other concepts that benefit regional air quality can be compatible with protecting the health of individuals at the neighborhood level. One suggestion for achieving this goal is more communication between air agencies and land use planners. Local air districts are an important resource that should be consulted regarding sources of air pollution in their jurisdictions. ARB staff will also continue to provide updated technical information as it becomes available.

Our recommendations are as specific as possible given the nature of the available data. In some cases, like refineries, we suggest that the siting of new sensitive land uses should be avoided immediately downwind. However, we leave definition of the size of this area to local agencies based on facility specific considerations. Also, project design that would reduce air pollution exposure may be part of the picture and we encourage consultation with air agencies on this subject.

In developing the recommendations, our first consideration was the adequacy of the data available for an air pollution source category. Using that data, we assessed whether we could reasonably characterize the relative exposure and health risk from a proximity standpoint. That screening provided the list of air pollution sources that we were able to address with specific recommendations. We also considered the practical implications of making hard and fast recommendations where the potential impact area is large, emissions will be reduced with time, and air agencies are in the process of looking at options for additional emission control. In the end, we tailored our recommendations to minimize the highest exposures for each source category independently. Due to the large variability in relative risk in the source categories, we chose not to apply

a uniform, quantified risk threshold as is typically done in air quality permitting programs. Instead, because these guidelines are not regulatory or binding on local agencies, we took a more qualitative approach in developing the distance-based recommendations.

Where possible, we recommend a minimum separation between a new sensitive land use and known air pollution risks. In other cases, we acknowledge that the existing health risk is too high in a relatively large area, that air agencies are working to reduce that risk, and that in the meantime, we recommend keeping new sensitive land uses out of the highest exposure areas. However, it is critical to note that our implied identification of the high exposure areas for these sources does not mean that the risk in the remaining impact area is insignificant. Rather, we hope this document will bring further attention to the potential health risk throughout the impact area and help garner support for our ongoing efforts to reduce health risk associated with air pollution sources. Areas downwind of major ports, rail yards, and other inter-modal transportation facilities are prime examples.

We developed these recommendations as a means to share important public health information. The underlying data are publicly available and referenced in this document. We also describe our rationale and the factors considered in developing each recommendation, including data limitations and uncertainties. These recommendations are advisory and should not be interpreted as defined "buffer zones." We recognize the opportunity for more detailed site-specific analyses always exists, and that there is no "one size fits all" solution to land use planning.

As California continues to grow, we collectively have the opportunity to use all the information at hand to avoid siting scenarios that may pose a health risk. As part of ARB's focus on communities and children's health, we encourage land use agencies to apply these recommendations and work more closely with air agencies. We also hope that this document will help educate a wider audience about the value of preventative action to reduce environmental exposures to air pollution.

1. ARB Recommendations on Siting New Sensitive Land Uses

Protecting California's communities and our children from the health effects of air pollution is one of the most fundamental goals of state and local air pollution control programs. Our focus on children reflects their special vulnerability to the health impacts of air pollution. Other vulnerable populations include the elderly, pregnant women, and those with serious health problems affected by air pollution. With this document, we hope to more effectively engage local land use agencies as partners in our efforts to reduce health risk from air pollution in all California communities.

Later sections emphasize the need to strengthen the connection between air quality and land use in both planning and permitting processes. Because the siting process for many, but not all air pollution sources involves permitting by local air districts, there is an opportunity for interagency coordination where the proposed location might pose a problem. To enhance the evaluation process from a land use perspective, section 4 includes recommended project related questions to help screen for potential proximity related issues.

Unlike industrial and other stationary sources of air pollution, the siting of new homes or day care centers does not require an air quality permit. Because these situations fall outside the air quality permitting process, it is especially important that land use agencies be aware of potential air pollution impacts.

The following recommendations address the issue of siting "sensitive land uses" near specific sources of air pollution; namely:

- High traffic freeways and roads
- Distribution centers
- Rail yards
- Ports
- Refineries
- Chrome plating facilities
- Dry cleaners
- Large gas dispensing facilities

The recommendations for each category include a summary of key information and guidance on what to avoid from a public health perspective.

Sensitive individuals refer to those segments of the population most susceptible to poor air quality (i.e., children, the elderly, and those with pre-existing serious health problems affected by air quality). Land uses where sensitive individuals are most likely to spend time include schools and schoolyards, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential communities (sensitive sites or sensitive land uses).

We are characterizing sensitive land uses as simply as we can by using the example of residences, schools, day care centers, playgrounds, and medical facilities. However, a variety of facilities are encompassed. For example, residences can include houses, apartments, and senior living complexes. Medical facilities can include hospitals, convalescent homes, and health clinics. Playgrounds could be play areas associated with parks or community centers.

In developing these recommendations, ARB first considered the adequacy of the data available for each air pollution source category. We assessed whether we could generally characterize the relative exposure and health risk from a proximity standpoint. The documented non-cancer health risks include triggering of asthma attacks, heart attacks, and increases in daily mortality and hospitalization for heart and respiratory diseases. These health impacts are well documented in epidemiological studies, but less easy to quantify from a particular air pollution source. Therefore, the cancer health impacts are used in this document to provide a picture of relative risk. This screening process provided the list of source categories we were able to address with specific recommendations. In evaluating the available information, we also considered the practical implications of making hard and fast recommendations where the potential impact area is large, emissions will be reduced with time, and air agencies are in the process of looking at options for additional emission control. Due to the large variability in relative risk between the source categories, we chose not to apply a uniform, quantified risk threshold as is typically done in regulatory programs. Therefore, in the end, we tailored our recommendations to minimize the highest exposures for each source category independently. Additionally, because this guidance is not regulatory or binding on local agencies, we took a more qualitative approach to developing distance based recommendations.

Where possible, we recommend a minimum separation between new sensitive land uses and existing sources. However, this is not always possible, particularly where there is an elevated health risk over large geographical areas. Areas downwind of ports and rail yards are prime examples. In such cases, we recommend doing everything possible to avoid locating sensitive receptors within the highest risk zones. Concurrently, air agencies and others will be working to reduce the overall risk through controls and measures within their scope of authority.

The recommendations were developed from the standpoint of siting new sensitive land uses. Project-specific data for new and existing air pollution sources are available as part of the air quality permitting process. Where such information is available, it should be used. Our recommendations are designed to fill a gap where information about existing facilities may not be readily available. These recommendations are only guidelines and are not designed to substitute for more specific information if it exists.

A summary of our recommendations is shown in Table 1-1. The basis and references[1] supporting each of these recommendations, including health studies, air quality modeling and monitoring studies is discussed below beginning with freeways and summarized in Table 1-2. As new information becomes available, it will be included on ARB's community health web page.

[1]Detailed information on these references are available on ARB's website at: http://www.ARB.ca.gov/ch/landuse.htm.

Table 1-1

Recommendations on Siting New Sensitive Land Uses Such As Residences, Schools, Daycare Centers, Playgrounds, or Medical Facilities*

Source Category	Advisory Recommendations
Freeways and High-Traffic Roads	• Avoid siting new sensitive land uses within 500 feet of a freeway, urban roads with 100,000 vehicles/day, or rural roads with 50,000 vehicles/day.
Distribution Centers	• Avoid siting new sensitive land uses within 1,000 feet of a distribution center (that accommodates more than 100 trucks per day, more than 40 trucks with operating transport refrigeration units (TRUs) per day, or where TRU unit operations exceed 300 hours per week). • Take into account the configuration of existing distribution centers and avoid locating residences and other new sensitive land uses near entry and exit points.
Rail Yards	• Avoid siting new sensitive land uses within 1,000 feet of a major service and maintenance rail yard. • Within one mile of a rail yard, consider possible siting limitations and mitigation approaches.
Ports	• Avoid siting of new sensitive land uses immediately downwind of ports in the most heavily impacted zones. Consult local air districts or the ARB on the status of pending analyses of health risks.
Refineries	• Avoid siting new sensitive land uses immediately downwind of petroleum refineries. Consult with local air districts and other local agencies to determine an appropriate separation.
Chrome Platers	• Avoid siting new sensitive land uses within 1,000 feet of a chrome plater.
Dry Cleaners Using Perchloro-ethylene	• Avoid siting new sensitive land uses within 300 feet of any dry cleaning operation. For operations with two or more machines, provide 500 feet. For operations with 3 or more machines, consult with the local air district. • Do not site new sensitive land uses in the same building with perc dry cleaning operations.
Gasoline Dispensing Facilities	• Avoid siting new sensitive land uses within 300 feet of a large gas station (defined as a facility with a throughput of 3.6 million gallons per year or greater). A 50 foot separation is recommended for typical gas dispensing facilities.

*Notes:

- These recommendations are advisory. Land use agencies have to balance other considerations, including housing and transportation needs, economic development priorities, and other quality of life issues.

- Recommendations are based primarily on data showing that the air pollution exposures addressed here (i.e., localized) can be reduced as much as 80% with the recommended separation.
- The relative risk for these categories varies greatly (see Table 1-2). To determine the actual risk near a particular facility, a site-specific analysis would be required. Risk from diesel PM will decrease over time as cleaner technology phases in.
- These recommendations are designed to fill a gap where information about existing facilities may not be readily available and are not designed to substitute for more specific information if it exists. The recommended distances take into account other factors in addition to available health risk data (see individual category descriptions).
- Site-specific project design improvements may help reduce air pollution exposures and should also be considered when siting new sensitive land uses.
- This table does not imply that mixed residential and commercial development in general is incompatible. Rather it focuses on known problems like dry cleaners using perchloroethylene that can be addressed with reasonable preventative actions.
- A summary of the basis for the distance recommendations can be found in Table 1-2.

Table 1-2

Summary of Basis for Advisory Recommendations

Source Category	Range of Relative Cancer Risk[1,2]	Summary of Basis for Advisory Recommendations
Freeways and High-Traffic Roads	300 – 1,700	• In traffic-related studies, the additional non-cancer health risk attributable to proximity was seen within 1,000 feet and was strongest within 300 feet. California freeway studies show about a 70% drop off in particulate pollution levels at 500 feet.
Distribution Centers[3]	Up to 500	• Because ARB regulations will restrict truck idling at distribution centers, transport refrigeration unit (TRU) operations are the largest onsite diesel PM emission source followed by truck travel in and out of distribution centers. • Based on ARB and South Coast District emissions and modeling analyses, we estimate an 80 percent drop-off in pollutant concentrations at approximately 1,000 feet from a distribution center.
Rail Yards	Up to 500	• The air quality modeling conducted for the Roseville Rail Yard Study predicted the highest impact is within 1,000 feet of the Yard, and is associated with service and maintenance activities. The next highest impact is between a half to one mile of the Yard, depending on wind direction and intensity.
Ports	Studies underway	• ARB will evaluate the impacts of ports and develop a new comprehensive plan that will describe the steps needed to reduce public health impacts from port and rail activities in California. In the interim, a general advisory is appropriate based on the magnitude of diesel PM emissions associated with ports.
Refineries	Under 10	• Risk assessments conducted at California refineries show risks from air toxics to be under 10 chances of cancer per million.[4] • Distance recommendations were based on the amount and potentially hazardous nature of many of the pollutants released as part of the refinery process, particularly during non-routine emissions releases.
Chrome Platers	10-100	• ARB modeling and monitoring studies show localized risk of hexavalent chromium diminishing significantly at 300 feet. There are data limitations in both the modeling and monitoring studies. These include variability of plating activities and uncertainty of emissions such as fugitive dust. Hexavalent chromium is one of the most potent toxic air contaminants. Considering these factors, a distance of 1,000 feet was used as a precautionary measure.
Dry Cleaners Using Perchloro-ethylene (perc)	15-150	• Local air district studies indicate that individual cancer risk can be reduced by as much as 75 percent by establishing a 300 foot separation between a sensitive land use and a one-machine perc dry cleaning operation. For larger operations (2 machines or more), a separation of 500 feet can reduce risk by over 85 percent.

Source Category	Range of Relative Cancer Risk[1,2]	Summary of Basis for Advisory Recommendations
Gasoline Dispensing Facilities (GDF)[5]	Typical GDF: Less than 10 Large GDF: Between Less than 10 and 120	• Based on the CAPCOA Gasoline Service Station Industry-wide Risk Assessment Guidelines, most typical GDFs (less than 3.6 million gallons per year) have a risk of less than 10 at 50 feet under urban air dispersion conditions. Over the last few years, there has been a growing number of extremely large GDFs with sales over 3.6 and as high as 19 million gallons per year. Under rural air dispersion conditions, these large GDFs can pose a larger risk at a greater distance.

[1]For cancer health effects, risk is expressed as an estimate of the increased chances of getting cancer due to facility emissions over a 70-year lifetime. This increase in risk is expressed as chances in a million (e.g., 10 chances in a million).

[2]The estimated cancer risks are a function of the proximity to the specific category and were calculated independent of the regional health risk from air pollution. For example, the estimated regional cancer risk from air toxics in the Los Angeles region (South Coast Air Basin) is approximately 1,000 in a million.

[3]Analysis based on refrigerator trucks.

[4]Although risk assessments performed by refineries indicate they represent a low cancer risk, there is limited data on non-cancer effects of pollutants that are emitted from these facilities. Refineries are also a source of non-routine emissions and odors.

[5]A typical GDF in California dispenses under 3.6 million gallons of gasoline per year. The cancer risk for this size facility is likely to be less than 10 in a million at the fence line under urban air dispersion conditions.

A large GDF has fuel throughputs that can range from 3.6 to 19 million gallons of gasoline per year. The upper end of the risk range (i.e., 120 in a million) represents a hypothetical worst case scenario for an extremely large GDF under rural air dispersion conditions.

Freeways and High Traffic Roads

Air pollution studies indicate that living close to high traffic and the associated emissions may lead to adverse health effects beyond those associated with regional air pollution in urban areas. Many of these epidemiological studies have focused on children. A number of studies identify an association between adverse non-cancer health effects and living or attending school near heavily traveled roadways (see findings below). These studies have reported associations between residential proximity to high traffic roadways and a variety of respiratory symptoms, asthma exacerbations, and decreases in lung function in children.

One such study that found an association between traffic and respiratory symptoms in children was conducted in the San Francisco Bay Area. Measurements of traffic-related pollutants showed concentrations within 300 meters (approximately 1,000 feet) downwind of freeways were higher than regional values. Most other studies have assessed exposure based on proximity factors such as distance to freeways or traffic density.

These studies linking traffic emissions with health impacts build on a wealth of data on the adverse health effects of ambient air pollution. The data on the effects of proximity to traffic-related emissions provides additional information that can be used in land use siting and regulatory actions by air agencies. The key observation in these studies is that close proximity increases both exposure and the potential for adverse health effects. Other effects associated with traffic emissions include premature death in elderly individuals with heart disease.

Key Health Findings

- Reduced lung function in children was associated with traffic density, especially trucks, within 1,000 feet and the association was strongest within 300 feet. (Brunekreef, 1997)
- Increased asthma hospitalizations were associated with living within 650 feet of heavy traffic and heavy truck volume. (Lin, 2000)
- Asthma symptoms increased with proximity to roadways and the risk was greatest within 300 feet. (Venn, 2001)
- Asthma and bronchitis symptoms in children were associated with proximity to high traffic in a San Francisco Bay Area community with good overall regional air quality. (Kim, 2004)
- A San Diego study found increased medical visits in children living within 550 feet of heavy traffic. (English, 1999)

In these and other proximity studies, the distance from the roadway and truck traffic densities were key factors affecting the strength of the association with adverse health effects. In the above health studies, the association of traffic-related emissions with adverse health effects was seen within 1,000 feet and was

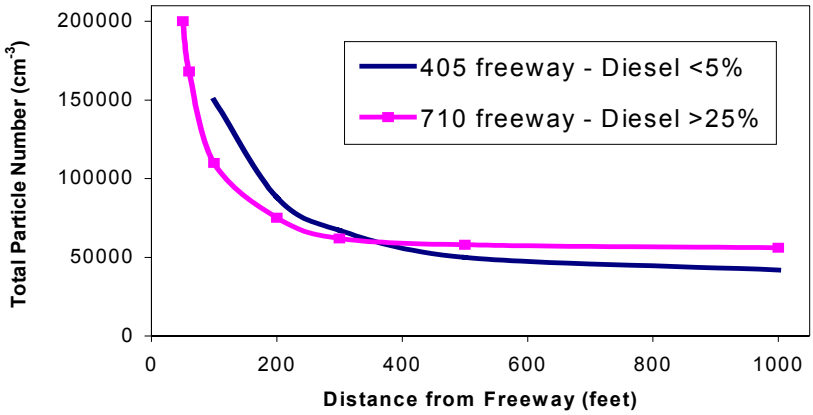
strongest within 300 feet. This demonstrates that the adverse effects diminished with distance.

In addition to the respiratory health effects in children, proximity to freeways increases potential cancer risk and contributes to total particulate matter exposure. There are three carcinogenic toxic air contaminants that constitute the majority of the known health risk from motor vehicle traffic – diesel particulate matter (diesel PM) from trucks, and benzene and 1,3-butadiene from passenger vehicles. On a typical urban freeway (truck traffic of 10,000-20,000/day), diesel PM represents about 70 percent of the potential cancer risk from the vehicle traffic. Diesel particulate emissions are also of special concern because health studies show an association between particulate matter and premature mortality in those with existing cardiovascular disease.

Distance Related Findings

A southern California study (Zhu, 2002) showed measured concentrations of vehicle-related pollutants, including ultra-fine particles, decreased dramatically within approximately 300 feet of the 710 and 405 freeways. Another study looked at the validity of using distance from a roadway as a measure of exposure

Figure 1-1
Decrease In Concentration of Freeway Diesel PM Emissions With Distance



to traffic related air pollution (Knape, 1999). This study showed that concentrations of traffic related pollutants declined with distance from the road, primarily in the first 500 feet.

These findings are consistent with air quality modeling and risk analyses done by ARB staff that show an estimated range of potential cancer risk that decreases with distance from freeways. The estimated risk varies with the local meteorology, including wind pattern. As an example, at 300 feet downwind from a freeway (Interstate 80) with truck traffic of 10,000 trucks per day, the potential cancer risk was as high as 100 in one million (ARB Roseville Rail Yard Study). The cancer health risk at 300 feet on the upwind side of the freeway was much

less. The risk at that distance for other freeways will vary based on local conditions – it may be higher or lower. However, in all these analyses the relative exposure and health risk dropped substantially within the first 300 feet. This phenomenon is illustrated in Figure 1-1.

State law restricts the siting of new schools within 500 feet of a freeway, urban roadways with 100,000 vehicles/day, or rural roadways with 50,000 vehicles with some exceptions.[2] However, no such requirements apply to the siting of residences, day care centers, playgrounds, or medical facilities. The available data show that exposure is greatly reduced at approximately 300 feet. In the traffic-related studies the additional health risk attributable to the proximity effect was strongest within 1,000 feet.

The combination of the children's health studies and the distance related findings suggests that it is important to avoid exposing children to elevated air pollution levels immediately downwind of freeways and high traffic roadways. These studies suggest a substantial benefit to a 500-foot separation.

The impact of traffic emissions is on a gradient that at some point becomes indistinguishable from the regional air pollution problem. As air agencies work to reduce the underlying regional health risk from diesel PM and other pollutants, the impact of proximity will also be reduced. In the meantime, as a preventative measure, we hope to avoid exposing more children and other vulnerable individuals to the highest concentrations of traffic-related emissions.

Recommendation

- Avoid siting new sensitive land uses within 500 feet of a freeway, urban roads with 100,000 vehicles/day, or rural roads with 50,000 vehicles/day.

References

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- Lin, S. et al. *"Childhood asthma hospitalization and residential exposure to state route traffic."* Environ Res. 2002;88:73-81
- Venn. et al. *"Living near a main road and the risk of wheezing illness in children."* American Journal of Respiratory and Critical Care Medicine. 2001; Vol.164, pp. 2177-2180
- Kim, J. et al. *"Traffic-related air pollution and respiratory health: East Bay Children's Respiratory Health Study."* American Journal of Respiratory and Critical Care Medicine 2004; Vol. 170. pp. 520-526

[2] Section 17213 of the California Education Code and section 21151.8 of the California Public Resources Code. See also Appendix E for a description of special processes that apply to school siting.

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- Knape, M. *"Traffic related air pollution in city districts near motorways."* The Science of the Total Environment. 1999; 235:339-341
- *Roseville Rail Yard Study.* ARB (October 2004)
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Distribution Centers

Distribution centers or warehouses are facilities that serve as a distribution point for the transfer of goods. Such facilities include cold storage warehouses, goods transfer facilities, and inter-modal facilities such as ports. These operations involve trucks, trailers, shipping containers, and other equipment with diesel engines. A distribution center can be comprised of multiple centers or warehouses within an area. The size can range from several to hundreds of acres, involving a number of different transfer operations and long waiting periods. A distribution center can accommodate hundreds of diesel trucks a day that deliver, load, and/or unload goods up to seven days a week. To the extent that these trucks are transporting perishable goods, they are equipped with diesel-powered transport refrigeration units (TRUs) or TRU generator sets.

The activities associated with delivering, storing, and loading freight produces diesel PM emissions. Although TRUs have relatively small diesel-powered engines, in the normal course of business, their emissions can pose a significant health risk to those nearby. In addition to onsite emissions, truck travel in and out of distribution centers contributes to the local pollution impact.

ARB is working to reduce diesel PM emissions through regulations, financial incentives, and enforcement programs. In 2004, ARB adopted two airborne toxic control measures that will reduce diesel PM emissions associated with distribution centers. The first will limit nonessential (or unnecessary) idling of diesel-fueled commercial vehicles, including those entering from other states or countries. This statewide measure, effective in 2005, prohibits idling of a vehicle more than five minutes at any one location.[3] The elimination of unnecessary idling will reduce the localized impacts caused by diesel PM and other air toxics

[3] For further information on the Anti-Idling ATCM, please click on: http://www.arb.ca.gov/toxics/idling/outreach/factsheet.pdf

in diesel vehicle exhaust. This should be a very effective new strategy for reducing diesel PM emissions at distribution centers as well as other locations.

The second measure requires that TRUs operating in California become cleaner over time. The measure establishes in-use performance standards for existing TRU engines that operate in California, including out-of-state TRUs. The requirements are phased-in beginning in 2008, and extend to 2019.[4]

ARB also operates a smoke inspection program for heavy-duty diesel trucks that focuses on reducing truck emissions in California communities. Areas with large numbers of distribution centers are a high priority.

Key Health Findings

Diesel PM has been identified by ARB as a toxic air contaminant and represents 70 percent of the known potential cancer risk from air toxics in California. Diesel PM is an important contributor to particulate matter air pollution. Particulate matter exposure is associated with premature mortality and health effects such as asthma exacerbation and hospitalization due to aggravating heart and lung disease.

Distance Related Findings

Although distribution centers are located throughout the state, they are usually clustered near transportation corridors, and are often located in or near population centers. Diesel PM emissions from associated delivery truck traffic and TRUs at these facilities may result in elevated diesel PM concentrations in neighborhoods surrounding those sites. Because ARB regulations will restrict truck idling at distribution centers, the largest continuing onsite diesel PM emission source is the operation of TRUs. Truck travel in and out of distribution centers also contributes to localized exposures, but specific travel patterns and truck volumes would be needed to identify the exact locations of the highest concentrations.

As part of the development of ARB's regulation for TRUs, ARB staff performed air quality modeling to estimate exposure and the associated potential cancer risk of onsite TRUs for a typical distribution center. For an individual person, cancer risk estimates for air pollution are commonly expressed as a probability of developing cancer from a lifetime (i.e., 70 years) of exposure. These risks were calculated independent of regional risk. For example, the estimated regional cancer risk from air toxics in the Los Angeles region (South Coast Air Basin) is approximately 1,000 additional cancer cases per one million population.

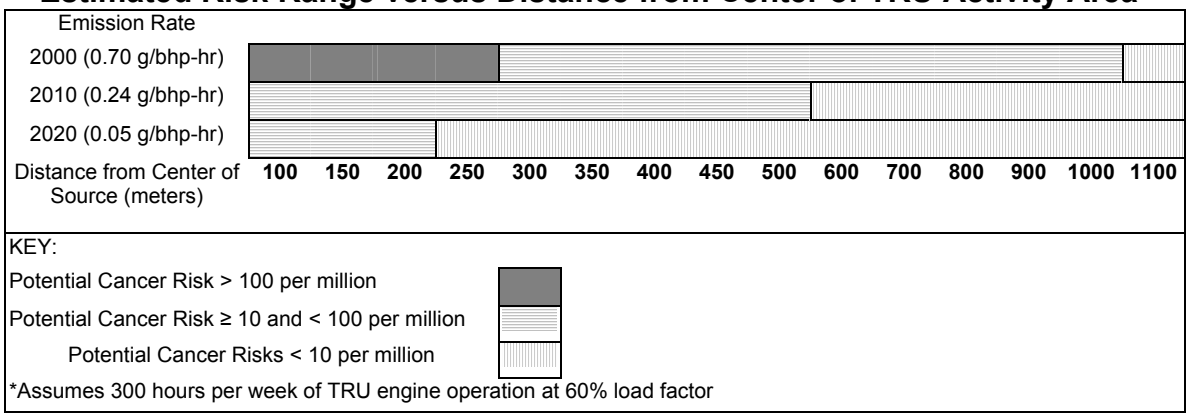
[4] For further information on the Transport Refrigeration Unit ATCM, please click on: http://www.arb.ca.gov/diesel/documents/trufaq.pdf

The diesel PM emissions from a facility are dependent on the size (horsepower), age, and number of engines, emission rates, the number of hours the truck engines and/or TRUs operate, distance, and meteorological conditions at the site. This assessment assumes a total on-site operating time for all TRUs of 300 hours per week. This would be the equivalent of 40 TRU-equipped trucks a day, each loading or unloading on-site for one hour, 12 hours a day and seven days a week.

As shown in Figure 1-2 below, at this estimated level of activity and assuming a current fleet diesel PM emission rate, the potential cancer risk would be over 100 in a million at 800 feet from the center of the TRU activity. The estimated potential cancer risk would be in the 10 to 100 per million range between 800 to 3,300 feet and fall off to less than 10 per million at approximately 3,600 feet. However with the implementation of ARB's regulation on TRUs, the risk will be significantly reduced.[5] We have not conducted a risk assessment for distribution centers based on truck traffic alone, but on an emissions basis, we would expect similar risks for a facility with truck volumes in the range of 100 per day.

Figure 1-2

Estimated Risk Range versus Distance from Center of TRU Activity Area*

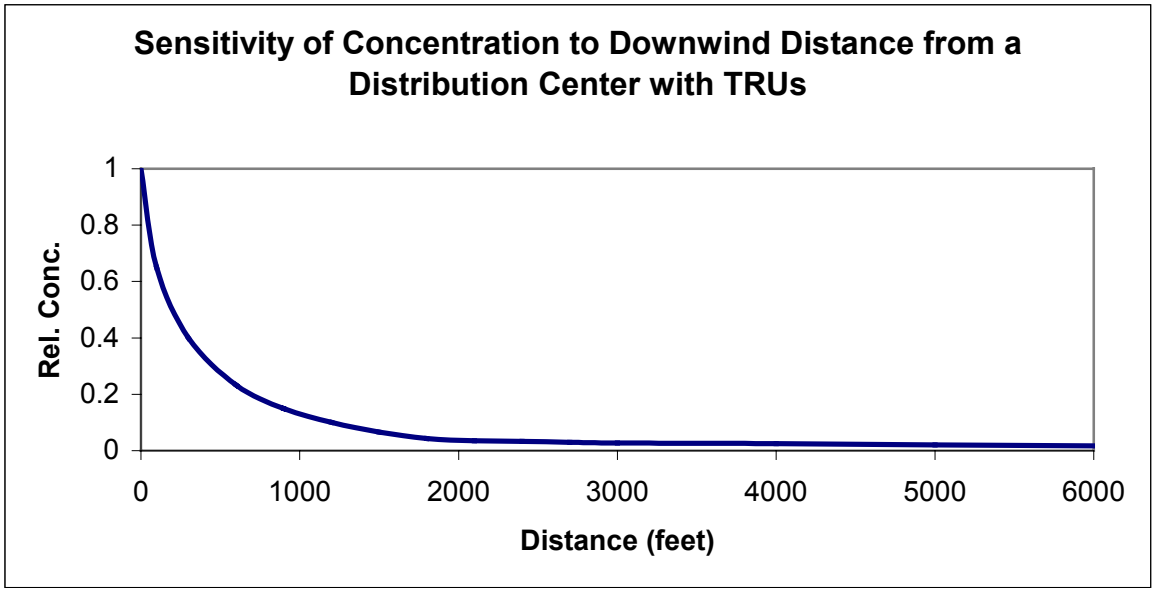


The estimated potential cancer risk level in Figure 1-2 is based on a number of assumptions that may not reflect actual conditions for a specific site. For example, increasing or decreasing the hours of diesel engine operations would change the potential risk levels. Meteorological and other facility specific parameters can also impact the results. Therefore, the results presented here are not directly applicable to any particular facility or operation. Rather, this information is intended to provide an indication as to the potential relative levels of risk that may be observed from operations at distribution centers. As shown in Figure 1-2, the estimated risk levels will decrease over time as lower-emitting diesel engines are used.

[5] These risk values assume an exposure duration of 70 years for a nearby resident and uses the methodology specified in the 2003 OEHHA health risk assessment guidelines.

Another air modeling analysis, performed by the South Coast Air Quality Management District (South Coast AQMD), evaluated the impact of diesel PM emissions from distribution center operations in the community of Mira Loma in southern California. Based on dispersion of diesel PM emissions from a large distribution center, Figure 1-3 shows the relative pollution concentrations at varying distances downwind. As Figure 1-3 shows, there is about an 80 percent drop off in concentration at approximately 1,000 feet.

Figure 1-3
Decrease In Relative Concentration of Risk
With Distance



Both the ARB and the South Coast AQMD analyses indicate that providing a separation of 1,000 feet would substantially reduce diesel PM concentrations and public exposure downwind of a distribution center. While these analyses do not provide specific risk estimates for distribution centers, they provide an indication of the range of risk and the benefits of providing a separation. ARB recommends a separation of 1,000 feet based on the combination of risk analysis done for TRUs and the decrease in exposure predicted with the South Coast AQMD modeling. However, ARB staff plans to provide further information on distribution centers as we collect more data and implement the TRU control measure.

Taking into account the configuration of distribution centers can also reduce population exposure and risk. For example, locating new sensitive land uses away from the main entry and exit points helps to reduce cancer risk and other health impacts.

Recommendations

- Avoid siting new sensitive land uses within 1,000 feet of a distribution center (that accommodates more than 100 trucks per day, more than 40 trucks with operating TRUs per day, or where TRU unit operations exceed 300 hours per week).

- Take into account the configuration of existing distribution centers and avoid locating residences and other new sensitive land uses near entry and exit points.

References

- *Airborne Toxic Control Measure To Limit Diesel-Fueled Commercial Motor Vehicle Idling.* ARB (August 20, 2004). Rule effectiveness date awaiting submittal of regulation to the Office of Administration Law. http://www.arb.ca.gov/regact/idling/idling.htm

- *Revised Staff Report: Initial Statement of Reasons for Proposed Rulemaking. Airborne Toxic Control Measure for In-Use Diesel-Fueled Transport Refrigeration Units (TRU) and TRU Generator Sets, and Facilities Where TRUs Operate.* ARB (October 28, 2003). http://www.arb.ca.gov/regact/trude03/revisor.doc

- *Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis.* SCAQMD (August 2003) http://www.aqmd.gov/ceqa/handbook/diesel_analysis.doc

- *"Mira Loma Study: Analysis of the Impact of Diesel Particulate Emissions from Warehouse/Distribution Center Operations",* PowerPoint presentation. SCAQMD (July 31, 2002)

Rail Yards

Rail yards are a major source of diesel particulate air pollution. They are usually located near inter-modal facilities, which attract heavy truck traffic, and are often sited in mixed industrial and residential areas. ARB, working with the Placer County air district and Union Pacific Railroad, recently completed a study[6] of the Roseville Rail Yard (Yard) in northern California that focused on the health risk from diesel particulate. A comprehensive emissions analysis and air quality modeling were conducted to characterize the estimated potential cancer risk associated with the facility.

[6] To review the study, please click on: http://www.arb.ca.gov/diesel/documents/rrstudy.htm

The Yard encompasses about 950 acres on a one-quarter mile wide by four-mile long strip of land that parallels Interstate 80. It is surrounded by commercial, industrial, and residential properties. The Yard is one of the largest service and maintenance rail yards in the West with over 30,000 locomotives visiting annually.

Using data provided by Union Pacific Railroad, the ARB determined the number and type of locomotives visiting the Yard annually and what those locomotives were doing - moving, idling, or undergoing maintenance testing. Union Pacific provided the annual, monthly, daily, and hourly locomotive activity in the yard including locomotive movements; routes for arrival, departure, and through trains; and locomotive service and testing. This information was used to estimate the emissions of particulate matter from the locomotives, which was then used to model the potential impacts on the surrounding community.

The key findings of the study are:

- Diesel PM emissions in 2000 from locomotive operations at the Roseville Yard were estimated at about 25 tons per year.

- Of the total diesel PM in the Yard, moving locomotives accounted for about 50 percent, idling locomotives about 45 percent, and locomotive testing about five percent.

- Air quality modeling predicts potential cancer risks greater than 500 in a million (based on 70 years of exposure) in a 10-40 acre area immediately adjacent to the Yard's maintenance operations.

- The risk assessment also showed elevated cancer risk impacting a larger area covering about a 10 by 10 mile area around the Yard.

The elevated concentrations of diesel PM found in the study contribute to an increased risk of cancer and premature death due to cardiovascular disease, and non-cancer health effects such as asthma and other respiratory illnesses. The magnitude of the risk, the general location, and the size of the impacted area depended on the meteorological data used to characterize conditions at the Yard, the dispersion characteristics, and exposure assumptions. In addition to these variables, the nature of locomotive activity will influence a risk characterization at a particular rail yard. For these reasons, the quantified risk estimates in the Roseville Rail Yard Study cannot be directly applied to other rail yards. However, the study does indicate the health risk due to diesel PM from rail yards needs to be addressed. ARB, in conjunction with the U.S. Environmental Protection Agency (U.S. EPA), and local air districts, is working with the rail industry to identify and implement short term, mid-term and long-term mitigation strategies. ARB also intends to conduct a second rail study in southern California to increase its understanding of rail yard operations and the associated public health impacts.

Key Health Findings

Diesel PM has been identified by ARB as a toxic air contaminant and represents 70 percent of the known potential cancer risk from air toxics in California. Diesel PM is an important contributor to particulate matter air pollution. Particulate matter exposure is associated with premature mortality and health effects such as asthma exacerbation and hospitalization due to aggravating heart and lung disease.

Distance Related Findings

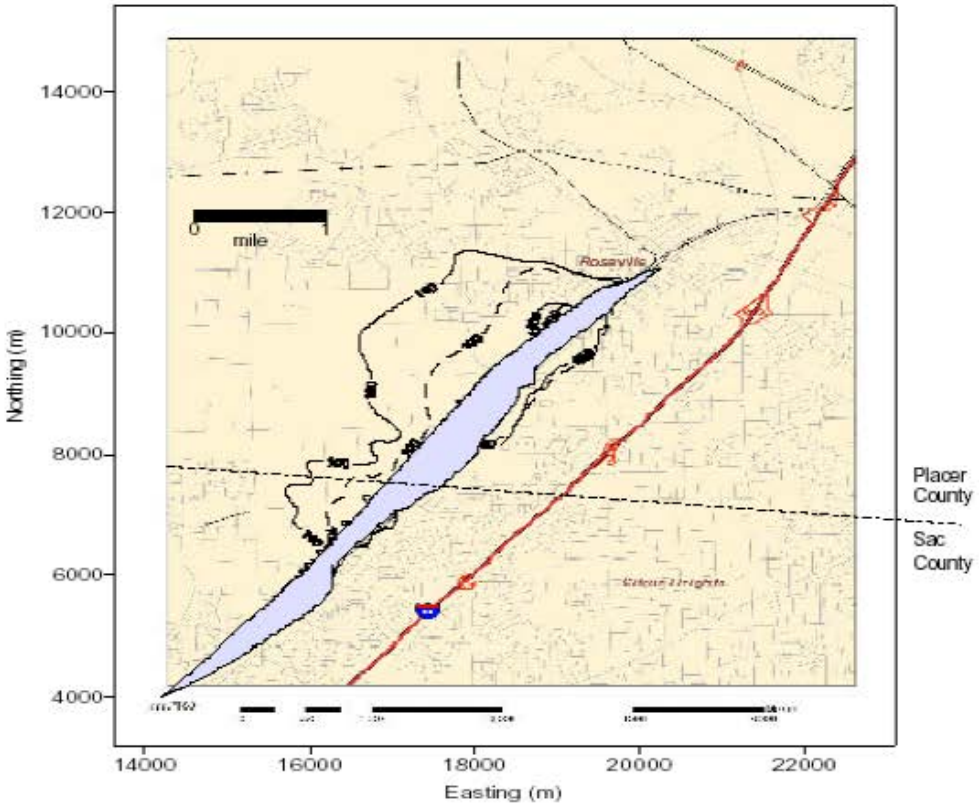
Two sets of meteorological data were used in the Roseville study because of technical limitations in the data. The size of the impact area was highly dependent on the meteorological data set used. The predicted highest impact area ranged from 10 - 40 acres with the two different meteorological data sets. This area, with risks estimated above 500 in a million, is adjacent to an area that includes a maintenance shop (see Figure 1-4). The high concentration of diesel PM emissions is due to the number of locomotives and nature of activities in this area, particularly idling locomotives.

The area of highest impact is within 1,000 feet of the Yard. The next highest impact zone as defined in the report had a predicted risk between 500 and 100 in one million and extends out between a half to one mile in some spots, depending on which meteorological conditions were assumed. The impact areas are irregular in shape making it difficult to generalize about the impact of distance at a particular location. However, the Roseville Rail Yard Study clearly indicates that the localized health risk is high, the impact area is large, and mitigation of the locomotive diesel PM emissions is needed.

For facilities like rail yards and ports, the potential impact area is so large that the real solution is to substantially reduce facility emissions. However, land use planners can avoid encroaching upon existing rail facilities and those scheduled for expansion. We also recommend that while air agencies tackle this problem, land use planners try not to add new sensitive individuals into the highest exposure areas. Finally, we recommend that land use agencies consider the potential health impacts of rail yards in their planning and permitting processes. Additional limitations and mitigation may be feasible to further reduce exposure on a site-specific basis.

Figure 1-4

Estimated Cancer Risk from the Yard
(100 and 500 in a million risk isopleths)



Notes: 100/Million Contours: Solid Line – Roseville Met Data; Dashed Line-McClellan Met Data, Urban Dispersion Coefficients, 80th Percentile Breathing Rate, All Locomotives' Activities (23 TPY), 70-Year Exposure

Recommendation

- Avoid siting new sensitive land uses within 1,000 feet of a major service and maintenance rail yard[7].
- Within one mile of a rail yard, consider possible siting limitations and mitigation approaches.

References

- *Roseville Rail Yard Study.* ARB (2004)

[7] The rail yard risk analysis was conducted for the Union Pacific rail yard in Roseville, California. This rail yard is one of the largest in the state. There are other rail yards in California with comparable levels of activity that should be considered "major" for purposes of this Handbook.

Ports

Air pollution from maritime port activities is a growing concern for regional air quality as well as air quality in nearby communities. The primary air pollutant associated with port operations is directly emitted diesel particulate. Port-related activities also result in emissions that form ozone and secondary particulate in the atmosphere. The emission sources associated with ports include diesel engine-powered ocean-going ships, harbor craft, cargo handling equipment, trucks, and locomotives. The size and concentration of these diesel engines makes ports one of the biggest sources of diesel PM in the state. For that reason, ARB has made it a top priority to reduce diesel PM emissions at the ports, in surrounding communities, and throughout California.

International, national, state, and local government collaboration is critical to reducing port emissions based on both legal and practical considerations. For example, the International Maritime Organization (IMO) and the U.S. EPA establish emission standards for ocean-going vessels and U.S.-flagged harbor craft, respectively. ARB is pursuing further federal actions to tighten these standards. In addition, ARB and local air districts are reducing emissions from ports through a variety of approaches. These include: incentive programs to fund cleaner engines, enhanced enforcement of smoke emissions from ships and trucks, use of dockside electricity instead of diesel engines, cleaner fuels for ships, harbor craft, locomotives, and reduced engine idling. The two ATCMs that limit truck idling and reduce emissions from TRUs (discussed under “Distribution Centers”) also apply to ports.

ARB is also developing several other regulations that will reduce port-related emissions. One rule would require ocean-going ships to use a cleaner marine diesel fuel to power auxiliary engines while in California coastal waters and at dock. Ships that frequently visit California ports would also be required to further reduce their emissions. ARB has adopted a rule that would require harbor craft to use the same cleaner diesel fuel used by on-road trucks in California. In 2005, ARB will consider a rule that would require additional controls for in-use harbor craft, such as the use of add-on emission controls and accelerated turnover of older engines.

Key Health Findings

Port activities are a major source of diesel PM. Diesel PM has been identified by ARB as a toxic air contaminant and represents 70 percent of the known potential cancer risk from air toxics in California. Diesel PM is an important contributor to particulate matter air pollution. Particulate matter exposure is associated with premature mortality and health effects such as asthma exacerbation and hospitalization due to aggravating heart and lung disease.

Distance Related Findings

The Ports of Los Angeles and Long Beach provide an example of the emissions impact of port operations. A comprehensive emissions inventory was completed in June 2004. These ports combined are one of the world's largest and busiest seaports. Located in San Pedro Bay, about 20 miles south of downtown Los Angeles, the port complex occupies approximately 16 square miles of land and water. Port activities include five source categories that produce diesel emissions. These are ocean-going vessels, harbor craft, cargo handling equipment, railroad locomotives, and heavy-duty trucks.

The baseline emission inventory provides emission estimates for all major air pollutants. This analysis focuses on diesel PM from in-port activity because these emissions have the most potential health impact on the areas adjacent to the port. Ocean vessels are the largest overall source of diesel PM related to the ports, but these emissions occur primarily outside of the port in coastal waters, making the impact more regional in nature.

The overall in-port emission inventory for diesel particulate for the ports of Los Angeles and Long Beach is estimated to be 550 tons per year. The emissions fall in the following major categories: ocean-going vessels (17%), harbor craft (25%), cargo handling (47%), railroad locomotive (3%), and heavy duty vehicles (8%). In addition to in-port emissions, ship, rail, and trucking activities also contribute to regional emissions and increase emissions in nearby neighborhoods. Off-port emissions associated with related ship, rail, and trucking activities contribute an additional 680 tons per year of diesel particulate at the Port of Los Angeles alone.

To put this in perspective, the diesel PM emissions estimated for the Roseville Yard in ARB's 2004 study are 25 tons per year. The potential cancer risk associated with these emissions is 100 in one million at a distance of one mile, or one half mile, depending on the data set used. This rail yard covers one and a half square miles. The Los Angeles and Long Beach ports have combined diesel PM emissions of 550 tons per year emitted from a facility that covers a much larger area - 16 miles. The ports have about twice the emission density of the rail yard - 34 tons per year per square mile compared to 16 tons per year per square mile. However, while this general comparison is illustrative of the overall size of the complex, a detailed air quality modeling analysis would be needed to assess the potential health impact on specific downwind areas near the ports.

ARB is in the process of evaluating the various port-related emission sources from the standpoint of existing emissions, growth forecasts, new control options, regional air quality impacts, and localized health risk. A number of public processes - both state and local - are underway to address various aspects of these issues. Until more of these analyses are complete, there is little basis for recommending a specific separation between new sensitive land uses and ports.

For example, the type of data we have showing the relationship between air pollutant concentrations and distance from freeways is not yet available.

Also, the complexity of the port facilities makes a site-specific analysis critical. Ports are a concentration of multiple emission sources with differing dispersion and other characteristics. In the case of the Roseville rail yard, we found a high, very localized impact associated with a particular activity, service and maintenance. By contrast, the location, size, and nature of impact areas can be expected to vary substantially for different port activities. For instance, ground level emissions from dockside activities would behave differently from ship stack level emissions.

Nonetheless, on an emissions basis alone, we expect locations downwind of ports to be substantially impacted. For that reason, we recommend that land use agencies track the current assessment efforts, and consider limitations on the siting of new sensitive land uses in areas immediately downwind of ports.

Recommendations

Avoid siting new sensitive land uses immediately downwind of ports in the most heavily impacted zones. Consult local air districts or the ARB on the status of pending analyses of health risks.

References

- *Roseville Rail Yard Study.* ARB (2004)
- Final Draft, "*Port-Wide Baseline Air Emissions Inventory."* Port of Los Angeles (June 2004)
- Final Draft, "*2002 Baseline Air Emissions Inventory."* Port of Long Beach (February 2004)

Petroleum Refineries

A petroleum refinery is a complex facility where crude oil is converted into petroleum products (primarily gasoline, diesel fuel, and jet fuel), which are then transported through a system of pipelines and storage tanks for final distribution by delivery truck to fueling facilities throughout the state. In California, most crude oil is delivered either by ship from Alaska or foreign sources, or is delivered via pipeline from oil production fields within the state. The crude oil then undergoes many complex chemical and physical reactions, which include distillation, catalytic cracking, reforming, and finishing. These refining processes have the potential to emit air contaminants, and are subject to extensive emission controls by district regulations.

As a result of these regulations covering the production, marketing, and use of gasoline and other oil by-products, California has seen significant regional air quality benefits both in terms of cleaner fuels and cleaner operating facilities. In

the 1990s, California refineries underwent significant modifications and modernization to produce cleaner fuels in response to changes in state law. Nevertheless, while residual emissions are small when compared to the total emissions controlled from these major sources, refineries are so large that even small amounts of fugitive, uncontrollable emissions and associated odors from the operations, can be significant. This is particularly the case for communities that may be directly downwind of the refinery. Odors can cause health symptoms such as nausea and headache. Also, because of the size, complexity, and vast numbers of refinery processes onsite, the occasional refinery upset or malfunction can potentially result in acute or short-term health effects to exposed individuals.

Key Health Findings

Petroleum refineries are large single sources of emissions. For volatile organic compounds (VOCs), eight of the ten largest stationary sources in California are petroleum refineries. For oxides of nitrogen (NOx), four of the ten largest stationary sources in California are petroleum refineries. Both of these compounds react in the presence of sunlight to form ozone. Ozone impacts lung function by irritating and damaging the respiratory system. Petroleum refineries are also large stationary sources of both particulate matter under 10 microns in size (PM_{10}) and particulate matter under 2.5 microns in size ($PM_{2.5}$). Exposure to particulate matter aggravates a number of respiratory illnesses, including asthma, and is associated with premature mortality in people with existing cardiac and respiratory disease. Both long-term and short-term exposure can have adverse health impacts. Finer particles pose an increased health risk because they can deposit deep in the lung and contain substances that are particularly harmful to human health. NOx are also significant contributors to the secondary formation of $PM_{2.5}$.

Petroleum refineries also emit a variety of toxic air pollutants. These air toxics vary by facility and process operation but may include: acetaldehyde, arsenic, antimony, benzene, beryllium, 1,3-butadiene, cadmium compounds, carbonyl sulfide, carbon disulfide, chlorine, dibenzofurans, diesel particulate matter, formaldehyde, hexane, hydrogen chloride, lead compounds, mercury compounds, nickel compounds, phenol, 2,3,7,8 tetrachlorodibenzo-p-dioxin, toluene, and xylenes (mixed) among others. The potential health effects associated with these air toxics can include cancer, respiratory irritation, and damage to the central nervous system, depending on exposure levels.

Distance Related Findings

Health risk assessments for petroleum refineries have shown risks from toxic air pollutants that have quantifiable health risk values to be around 10 potential cancer cases per million. Routine air monitoring and several air monitoring studies conducted in the San Francisco Bay Area (Crockett) and the South Coast Air Basin (Wilmington) have not identified significant health risks specifically

associated with refineries. However, these studies did not measure diesel PM as no accepted method currently exists, and there are many toxic air pollutants that do not have quantifiable health risk values.

In 2002, ARB published a report on the results of the state and local air district air monitoring done near oil refineries. The purpose of this evaluation was to try to determine how refinery-related emissions might impact nearby communities. This inventory of air monitoring activities included 10 ambient air monitoring stations located near refineries in Crockett and four stations near refineries in Wilmington. These monitoring results did not identify significant increased health risks associated with the petroleum refineries. In 2002-2003, ARB conducted additional monitoring studies in communities downwind of refineries in Crockett and Wilmington. These monitoring results also did not indicate significant increased health risks from the petroleum refineries.

Consequently, there are no air quality modeling or air monitoring data that provides a quantifiable basis for recommending a specific separation between refineries and new sensitive land uses. However, in view of the amount and potentially hazardous nature of many of the pollutants released as part of the refinery process, we believe the siting of new sensitive land uses immediately downwind should be avoided. Land use agencies should consult with the local air district when considering how to define an appropriate separation for refineries within their jurisdiction.

Recommendations

- Avoid siting new sensitive land uses immediately downwind of petroleum refineries. Consult with local air districts and other local agencies to determine an appropriate separation.

References

- *Review of Current Ambient Air Monitoring Activities Related to California Bay Area and South Coast Refineries. ARB (March 2002)* http://www.arb.ca.gov/aaqm/qmosqual/special/mldrefinery.pdf
- *Community Air Quality Monitoring: Special Studies – Crockett. ARB (September 2004)* http://www.arb.ca.gov/ch/communities/studies/crockett/crockett.htm
- *Wilmington Study - Air Monitoring Results. ARB (2003)* http://www.arb.ca.gov/ch/communities/studies/wilmington/wilmington.htm

Chrome Plating Operations

Chrome plating operations rely on the use of the toxic metal hexavalent chromium, and have been subject to ARB and local air district control programs for many years. Regulation of chrome plating operations has reduced statewide emissions substantially. However, due to the nature of chrome plating

operations and the highly toxic nature of hexavalent chromium, the remaining health risk to nearby residents is a continuing concern.

Chrome plating operations convert hexavalent chromium in solution to a chromium metal layer by electroplating, and are categorized based upon the thickness of the chromium metal layer applied. In “decorative plating”, a layer of nickel is first plated over a metal substrate. Following this step, a thin layer of chromium is deposited over the nickel layer to provide a decorative and protective finish, for example, on faucets and automotive wheels. “Hard chrome plating” is a process in which a thicker layer of chromium metal is deposited directly on metal substrates such as engine parts, industrial machinery, and tools to provide greater protection against corrosion and wear.

Hexavalent chromium is emitted into the air when an electric current is applied to the plating bath. Emissions are dependent upon the amount of electroplating done per year and the control requirements. A unit of production referred to as an ampere-hour represents the amount of electroplating produced. Small facilities have an annual production rate of 100,000 – 500,000 ampere-hours, while medium-size facilities may have a production rate of 500,000 to about 3 million ampere-hours. The remaining larger facilities have a range of production rates that can be as high as 80 million ampere-hours.

The control requirements, which reduce emissions from the plating tanks, vary according to the size and type of the operation. Facilities either install add-on pollution control equipment, such as filters and scrubbers, or in-tank controls, such as fume suppressants and polyballs. With this combination of controls, the overall hexavalent chromium emissions have been reduced by over 90 percent. Larger facilities typically have better controls that can achieve efficiencies greater than 99 percent. However, even with stringent controls, the lack of maintenance and good housekeeping practices can lead to problems. And, since the material itself is inherently dangerous, any lapse in compliance poses a significant risk to nearby residents.

A 2002 ARB study in the San Diego community of Barrio Logan measured unexpectedly high concentrations of hexavalent chromium near chrome platers. The facilities were located in a mixed-use area with residences nearby. The study found that fugitive dust laden with hexavalent chromium was an important source of emissions that likely contributed to the elevated cancer risk. Largely as a result of this study, ARB is in the process of updating the current requirements to further reduce the emissions from these facilities.

In December 2004, the ARB adopted an ATCM to reduce emissions of hexavalent chromium and nickel from thermal spraying operations through the installation of best available control technology. The ATCM requires all existing facilities to comply with its requirements by January 1, 2006. New and modified thermal spraying operations must comply upon initial startup. An existing thermal spraying facility may be exempt from the minimum control efficiency

requirements of the ATCM if it is located at least 1,640 feet from the nearest sensitive receptor and emits no more than 0.5 pound per year of hexavalent chromium.[8]

Key Health Findings

Hexavalent chromium is one of the most toxic air pollutants regulated by the State of California. Hexavalent chromium is a carcinogen and has been identified in worker health studies as causing lung cancer. Exposure to even very low levels of hexavalent chromium should be avoided.

The California Office of Environmental Health Hazard Assessment has found that: 1) many epidemiological studies show a strong association between hexavalent chromium exposure in the work place and respiratory cancer; and 2) all short-term assays reported show that hexavalent chromium compounds can cause damage to human DNA.

Hexavalent chromium when inhaled over a period of many years can cause a variety of non-cancer health effects. These health effects include damage to the nose, blood disorders, lung disease, and kidney damage. The non-cancer health impacts occur with exposures considerably higher than exposures causing significant cancer risks. It is less likely that the public would be exposed to hexavalent chromium at levels high enough to cause these non-cancer health effects. Non-cancer health effects, unlike cancer health effects, have a threshold or exposure level below which non-cancer health effects would not be expected.

Distance Related Findings

ARB's 2002 Barrio Logan Study measured concentrations of hexavalent chromium in the air near two chrome plating facilities. The study was conducted from December 2001 to May 2002. There were two chrome platers on the street - one decorative and one hard plater. The purpose of the study was to better understand the near source impact of hexavalent chromium emissions. Air monitors were placed at residences next to the platers and at varying distances down the street. The monitors were moved periodically to look at the spatial distribution of the impact. Source testing and facility inspections identified one of the facilities as the likely source.

The first two weeks of monitoring results showed unexpectedly high levels of hexavalent chromium at a number of the monitoring sites. The high concentrations were intermittent. The concentrations ranged from 1 to 22 ng/m3 compared to the statewide average of 0.1 ng/m3. If these levels were to continue for 70 years, the potential cancer risk would be 150 in one million. The highest value was found at an air monitor behind a house adjacent to one of the

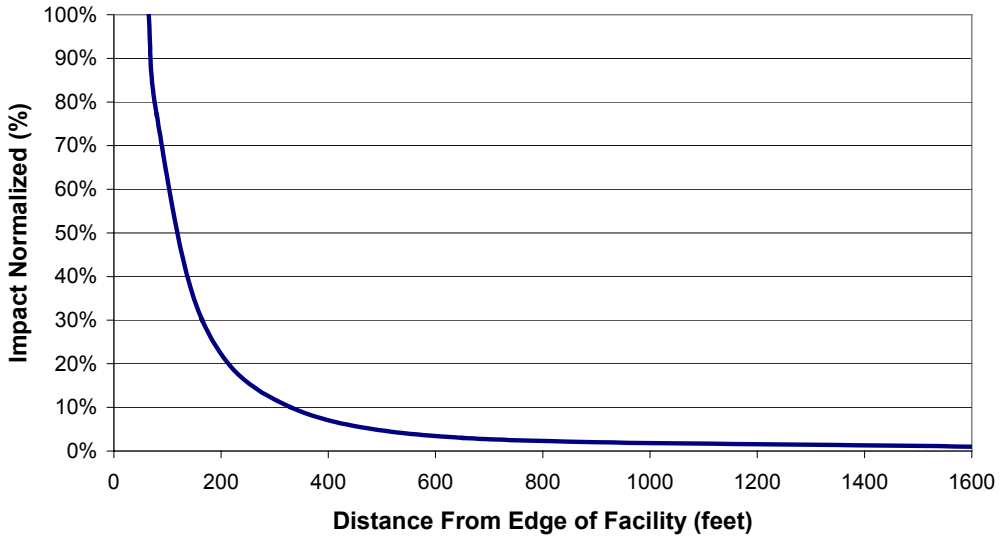
[8] For further information on the ATCM, please refer to: http://www.arb.ca.gov/regact/thermspr/thermalspr.htm

plating facilities–approximately 30 feet from the back entrance. Lower, but significant concentrations were found at an ambient air monitor 250 feet away.

The monitoring covered a period when the facility was not operating its plating tank. During this period, one of the highest concentrations was measured at an adjacent house. It appears that chromium-laden dust was responsible for high concentrations at this location since there was no plating activity at the time. Dust samples from the facility were tested and found to contain high levels of hexavalent chromium. On the day the highest concentration was measured at the house next door, a monitor 350 feet away from the plater's entrance showed very little impact. Similar proximity effects are shown in ARB modeling studies.

Figure 1-5 shows how the relative health risk varies as a function of distance from a chrome plater. This analysis is based on a medium-sized chrome plater with an annual production rate of 3 million ampere-hours. As shown in Figure 1- 5, the potential health risk drops off rapidly, with over 90 percent reduction in risk within 300 feet. This modeling was done in 2003 as part of a review of ARB's current air toxic control measure for chrome platers and is based on data from a recent ARB survey of chrome platers in California. The emission

Figure 1-5
Risk vs. Distance From Chrome Plater
(Based on plating tank emissions)



rates are only for plating operations. Because there are insufficient data available to directly quantify the impacts, the analysis does not include fugitive emissions, which the Barrio Logan analysis indicated could be significant.

Both the ARB Barrio Logan monitoring results and ARB's 2003 modeling analysis suggests that the localized emissions impact of a chrome plater diminishes significantly at 300 feet. However, in developing our recommendation, we also considered the following factors:

- some chrome platers will have higher volumes of plating activity,
- potential dust impacts were not modeled,
- we have only one monitoring study looking at the impact of distance, and,
- hexavalent chromium is one of the most potent toxic air contaminants ARB has identified.

Given these limitations in the analysis, we recommend a separation of 1,000 feet as a precautionary measure. For large chrome platers, site specific information should be obtained from the local air district.

Recommendation

- Avoid siting new sensitive land uses within 1,000 feet of a chrome plater.

References

- *Ambient Air Monitoring for Hexavalent Chromium and Metals in Barrio Logan: May 2001 through May 2002.* ARB, Monitoring and Laboratory Division (October 14, 2003)
- *Draft Barrio Logan Report.* ARB, Planning and Technical Support Division (November 2004)
- *Proposed Amendments to the Hexavalent Chromium Control Measure for Decorative and Hard Chrome Plating and Chromic Acid Anodizing Facilities.* ARB (April 1998)
- Murchison, Linda; Suer, Carolyn; Cook, Jeff. *"Neighborhood Scale Monitoring in Barrio Logan," (*AWMA Annual Conference Proceedings, June 2003)

Dry Cleaners Using Perchloroethylene (Perc Dry Cleaners)

Perchloroethylene (perc) is the solvent most commonly used by the dry cleaning industry to clean clothes or other materials. The ARB and other public health agencies have identified perc as a potential cancer-causing compound. Perc persists in the atmosphere long enough to contribute to both regional air pollution and localized exposures. Perc dry cleaners are the major source of perc emissions in California.

Since 1990, the statewide concentrations and health risk from exposure to perc has dropped over 70 percent. This is due to a number of regulatory requirements on perc dry cleaners and other sources, including degreasing operations, brake cleaners, and adhesives. ARB adopted an Airborne Toxic Control Measure (ATCM) for Perc Emissions from Dry Cleaning Operations in 1993. ARB has also prohibited the use of perc in aerosol adhesives and automotive brake cleaners.

Perc dry cleaners statewide are required to comply with ARB and local air district regulations to reduce emissions. However, even with these controls, some emissions continue to occur. Air quality studies indicate that there is still the potential for significant risks even near well-controlled dry cleaners. The South Coast AQMD has adopted a rule requiring that all new dry cleaners use alternatives to perc and that existing dry cleaners phase out the use of perc by December 2020. Over time, transition to non-toxic alternatives should occur. However, while perc continues to be used, a preventative approach should be taken to siting of new sensitive land uses.

Key Health Findings

Inhalation of perc may result in both cancer and non-cancer health effects. An assessment by California's Office of Environmental Health Hazard Assessment (OEHHA) concluded that perc is a potential human carcinogen and can cause non-cancer health effects. In addition to the potential cancer risk, the effects of long-term exposure include dizziness, impaired judgment and perception, and damage to the liver and kidneys. Workers have shown signs of liver toxicity following chronic exposure to perc, as well as kidney dysfunction and neurological effects. Non-cancer health effects occur with higher exposure levels than those associated with significant cancer risks. The public is more likely to be exposed to perchloroethylene at levels causing significant cancer risks than to levels causing non-cancer health effects. Non-cancer health effects, unlike cancer health effects, have a threshold or exposure level below which non-cancer health effects would not be expected. The ARB formally identified perc as a toxic air contaminant in October 1991.

One study has determined that inhalation of perc is the predominant route of exposure to infants living in apartments co-located in the same building with a business operating perc dry cleaning equipment. Results of air sampling within co-residential buildings indicate that dry cleaners can cause a wide range of exposures depending on the type and maintenance of the equipment. For example, a well-maintained state-of-the-art system may have risks in the range of 10 in one million, whereas a badly maintained machine with major leaks can have potential cancer risks of thousands in one million.

The California Air Pollution Control Officers Association (CAPCOA) is developing Industry-wide Risk Assessment Guidelines for Perchloroethylene Dry Cleaners which, when published, will provide detailed information on public health risk from exposure to emissions from this source.

Distance Related Findings

Risk created by perc dry cleaning is dependent on the amount of perc emissions, the type of dry cleaning equipment, proximity to the source, and how the emissions are released and dispersed (e.g., type of ventilation system, stack parameters, and local meteorology). Dry cleaners are often located near

residential areas, and near shopping centers, schools, day-care centers, and restaurants.

The vast majority of dry cleaners in California have one dry cleaning machine per facility. The South Coast AQMD estimates that an average well-controlled dry cleaner uses about 30 to 160 gallons of cleaning solvent per year, with an average of about 100 gallons. Based on these estimates, the South Coast AQMD estimates a potential cancer risk between 25 to 140 in one million at residential locations 75 feet or less from the dry cleaner, with an average of about 80 in one million. The estimate could be as high as 270 in one million for older machines.

CAPCOA's draft industry-wide risk assessment of perc dry cleaning operations indicates that the potential cancer risk for many dry cleaners may be in excess of potential cancer risk levels adopted by the local air districts. The draft document also indicates that, in general, the public's exposure can be reduced by at least 75 percent, by providing a separation distance of about 300 feet from the operation. This assessment is based on a single machine with perc use of about 100 gallons per year. At these distances, the potential cancer risk would be less than 10 potential cases per million for most scenarios.

The risk would be proportionately higher for large, industrial size, dry cleaners. These facilities typically have two or more machines and use 200 gallons or more per year of perc. Therefore, separation distances need to be greater for large dry cleaners. At a distance of 500 feet, the remaining risk for a large plant can be reduced by over 85 percent.

In California, a small number of dry cleaners that are co-located (sharing a common wall, floor, or ceiling) with a residence have the potential to expose the inhabitants of the residence to high levels of perc. However, while special requirements have been imposed on these existing facilities, the potential for exposure still exists. Avoiding these siting situations in the future is an important preventative measure.

Local air districts are a source of information regarding specific dry cleaning operations—particularly for large industrial operations with multiple machines. The 300 foot separation recommended below reflects the most common situation – a dry cleaner with only one machine. While we recommend 500 feet when there are two or more machines, site specific information should be obtained from the local air district for some very large industrial operations. Factors that can impact the risk include the number and type of machines, controls used, source configuration, building dimensions, terrain, and meteorological data.

Recommendation

- Avoid siting new sensitive land uses within 300 feet of any dry cleaning operation. For operations with two or more machines provide 500 feet. For operations with 3 or more machines, consult with the local air district.

- Do not site new sensitive land uses in the same building with perc dry cleaning operations.

References

- *Proposed Amended Rule 1421 – Control of Perchloroethylene Emissions from Dry Cleaning Systems,* Final Staff Report. South Coast AQMD. (October 2002)
- *Air Toxic Control Measure for Emissions of Perchloroethylene from Dry Cleaning Operations.* ARB (1994) (http://www.arb.ca.gov/toxics/atcm/percatcm.htm)
- *"An Assessment of Tetrachloroethylene in Human Breast Milk"*, Judith Schreiber, New York State Department of Health – Bureau of Toxic Substance Assessment, Journal of Exposure Analysis and Environmental Epidemiology, Vol.2, Suppl.2, pp. 15-26, 1992.
- Draft *Air Toxics "Hot Spots" Program Perchloroethylene Dry Cleaner Industry-wide Risk Assessment Guidelines.* (CAPCOA (November 2002)
- *Final Environmental Assessment for Proposed Amended Rule 1421 – Control of Perchloroethylene Emissions from Dry Cleaning Systems.* South Coast AQMD. (October 18, 2002)

Gasoline Dispensing Facilities

Refueling at gasoline dispensing facilities releases benzene into the air. Benzene is a potent carcinogen and is one of the highest risk air pollutants regulated by ARB. Motor vehicles and motor vehicle-related activity account for over 90 percent of benzene emissions in California. While gasoline-dispensing facilities account for a small part of total benzene emissions, near source exposures for large facilities can be significant.

Since 1990, benzene in the air has been reduced by over 75 percent statewide, primarily due to the implementation of emissions controls on motor vehicle vapor recovery equipment at gas stations, and a reduction in benzene levels in gasoline. However, benzene levels are still significant. In urban areas, average benzene exposure is equivalent to about 50 in one million.

Gasoline dispensing facilities tend to be located in areas close to residential and shopping areas. Benzene emissions from the largest gas stations may result in near source health risk beyond the regional background and district health risk thresholds. The emergence of very high gasoline throughput at large retail or

wholesale outlets makes this a concern as these types of outlets are projected to account for an increasing market share in the next few years.

Key Health Findings

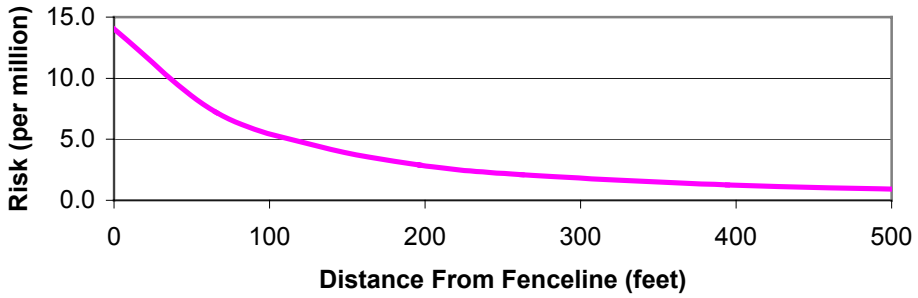
Benzene is a human carcinogen identified by ARB as a toxic air contaminant. Benzene also can cause non-cancer health effects above a certain level of exposure. Brief inhalation exposure to high concentrations can cause central nervous system depression. Acute effects include central nervous system symptoms of nausea, tremors, drowsiness, dizziness, headache, intoxication, and unconsciousness. It is unlikely that the public would be exposed to levels of benzene from gasoline dispensing facilities high enough to cause these non-cancer health effects.

Distance Related Findings

A well-maintained vapor recovery system can decrease emissions of benzene by more than 90% compared with an uncontrolled facility. Almost all facilities have emission control systems. Air quality modeling of the health risks from gasoline dispensing facilities indicate that the impact from the facilities decreases rapidly as the distance from the facility increases.

Statistics reported in the ARB's staff reports on Enhanced Vapor Recovery released in 2000 and 2002, indicated that almost 96 percent of the gasoline dispensing facilities had a throughput less than 2.4 million gallons per year. The remaining four percent, or approximately 450 facilities, had throughputs exceeding 2.4 million gallons per year. For these stations, the average gasoline throughput was 3.6 million gallons per year.

Figure 1-6
Gasoline Dispensing Facility Health Risk
for 3,600,000 gal/yr throughput



As shown in Figure 1-6, the risk levels for a gasoline dispensing facility with a throughput of 3.6 million gallons per year is about 10 in one million at a distance of 50 feet from the fenceline. However, as the throughput increases, the potential risk increases.

As mentioned above, air pollution levels in the immediate vicinity of large gasoline dispensing facilities may be higher than the surrounding area (although tailpipe emissions from motor vehicles dominates the health impacts). Very large gasoline dispensing facilities located at large wholesale and discount centers may dispense nine million gallons of gasoline per year or more. At nine million gallons, the potential risk could be around 25 in one million at 50 feet, dropping to about five in one million at 300 feet. Some facilities have throughputs as high as 19 million gallons.

Recommendation

- Avoid siting new sensitive land uses within 300 feet of a large gasoline dispensing facility (defined as a facility with a throughput of 3.6 million gallons per year or greater). A 50 foot separation is recommended for typical gas dispensing facilities.

References

- *Gasoline Service Station Industry-wide Risk Assessment Guidelines.* California Air Pollution Control Officers Association (December 1997 and revised November 1, 2001)
- *Staff Report on Enhanced Vapor Recovery.* ARB (February 4, 2000)
- *The California Almanac of Emissions and Air Quality.* ARB (2004)
- *Staff Report on Enhanced Vapor Recovery Technology Review.* ARB (October 2002)

Other Facility Types that Emit Air Pollutants of Concern

In addition to source specific recommendations, Table 1-3 includes a list of other industrial sources that could pose a significant health risk to nearby sensitive individuals depending on a number of factors. These factors include the amount of pollutant emitted and its toxicity, the distance to nearby individuals, and the type of emission controls in place. Since these types of facilities are subject to air permits from local air districts, facility specific information should be obtained where there are questions about siting a sensitive land use close to an industrial facility.

Potential Sources of Odor and Dust Complaints

Odors and dust from commercial activities are the most common sources of air pollution complaints and concerns from the public. Land use planning and permitting processes should consider the potential impacts of odor and dust on surrounding land uses, and provide for adequate separation between odor and dust sources. As with other types of air pollution, a number of factors need to be considered when determining an adequate distance or mitigation to avoid odor or

Table 1-3 – Examples of Other Facility Types That Emit[1] Air Pollutants of Concern

Categories	Facility Type	Air Pollutants of Concern
Commercial		
	Autobody Shops	Metals, Solvents
	Furniture Repair	Solvents[2], Methylene Chloride
	Film Processing Services	Solvents, Perchloroethylene
	Distribution Centers	Diesel Particulate Matter
	Printing Shops	Solvents
	Diesel Engines	Diesel Particulate Matter
Industrial		
	Construction	Particulate Matter, Asbestos
	Manufacturers	Solvents, Metals
	Metal Platers, Welders, Metal Spray (flame spray) Operations	Hexavalent Chromium, Nickel, Metals
	Chemical Producers	Solvents, Metals
	Furniture Manufacturers	Solvents
	Shipbuilding and Repair	Hexavalent chromium and other metals, Solvents
	Rock Quarries and Cement Manufacturers	Particulate Matter, Asbestos
	Hazardous Waste Incinerators	Dioxin, Solvents, Metals
	Power Plants	Benzene, Formaldehyde, Particulate Matter
	Research and Development Facilities	Solvents, Metals, etc.
Public		
	Landfills	Benzene, Vinyl Chloride, Diesel Particulate Matter
	Waste Water Treatment Plants	Hydrogen Sulfide
	Medical Waste Incinerators	Dioxin, Benzene, PAH, PCBs, 1,3-Butadiene
	Recycling, Garbage Transfer Stations	Diesel Particulate Matter
	Municipal Incinerators	Dioxin, Benzene, PAH, PCBs, 1,3-Butadiene
Transportation		
	Truck Stops	Diesel Particulate Matter
Agricultural Operations		
	Farming Operations	Diesel Particulate Matter, VOCs, NOx, PM10, CO, SOx, Pesticides
	Livestock and Dairy Operations	Ammonia, VOCs, PM10

[1]Not all facilities will emit pollutants of concern due to process changes or chemical substitution. Consult the local air district regarding specific facilities.
[2]Some solvents may emit toxic air pollutants, but not all solvents are toxic air contaminants.

dust complaints in a specific situation. Local air districts should be consulted for advice when these siting situations arise.

Table 1-4 lists some of the most common sources of odor complaints received by local air districts. Complaints about odors are the responsibility of local air districts and are covered under state law. The types of facilities that can cause odor complaints are varied and can range from small commercial facilities to large industrial facilities, and may include waste disposal and recycling operations. Odors can cause health symptoms such as nausea and headache. Facilities with odors may also be sources of toxic air pollutants (See Table 1-3). Some common sources of odors emitted by facilities are sulfur compounds, organic solvents, and the decomposition/digestion of biological materials. Because of the subjective nature of an individual's sensitivity to a particular type of odor, there is no specific rule for assigning appropriate separations from odor sources. Under the right meteorological conditions, some odors may still be offensive several miles from the source.

Table 1-4
Sources of Odor Complaints

- Sewage Treatment Plants
- Landfills
- Recycling Facilities
- Waste Transfer Stations
- Petroleum Refineries
- Biomass Operations
- Autobody Shops
- Coating Operations
- Fiberglass Manufacturing
- Foundries
- Rendering Plants
- Livestock Operations

Sources of dust are also common sources of air pollution-related complaints. Operations that can result in dust problems are rock crushing, gravel production, stone quarrying, and mining operations. A common source of complaints is the dust and noise associated with blasting that may be part of these operations. Besides the health impacts of dust as particulate matter, thick dust also impairs visibility, aesthetic values, and can soil homes and automobiles. Local air districts typically have rules for regulating dust sources in their jurisdictions, but dust sources can still be a concern. Therefore, separation of these facilities from residential and other new sensitive land uses should be considered.

In some areas of California, asbestos occurs naturally in stone deposits. Asbestos is a potent carcinogenic substance when inhaled. Asbestos-containing dust may be a public health concern in areas where asbestos-containing rock is mined, crushed, processed, or used. Situations where asbestos-containing gravel has been used in road paving materials are also a source of asbestos exposure to the general public. Planners are advised to consult with local air pollution agencies in areas where asbestos-containing gravel or stone products are produced or used.

2. Handbook Development

ARB and local air districts share responsibility for improving statewide air quality. As a result of California's air pollution control programs, air quality has improved and health risk has been reduced statewide. However, state and federal air quality standards are still exceeded in many areas of California and the statewide health risk posed by toxic air contaminants (air toxics) remains too high. Also, some communities experience higher pollution exposures than others - making localized impacts, as well regional or statewide impacts, an important consideration. It is for this reason that this Handbook has been produced - to promote better, more informed decision-making by local land use agencies that will improve air quality and public health in their communities.

Land use policies and practices, including planning, zoning, and siting activities, can play a critical role in air quality and public health at the local level. For instance, even with the best available control technology, some projects that are sited very close to homes, schools, and other public places can result in elevated air pollution exposures. The reverse is also true – siting a new school or home too close to an existing source of air pollution can pose a public health risk. The ARB recommendations in section 1 address this issue.

> *This Handbook is an informational document that we hope will strengthen the relationship between air quality and land use agencies. It highlights the need for land use agencies to address the potential for new projects to result in localized health risk or contribute to cumulative impacts where air pollution sources are concentrated.*

Avoiding these incompatible land uses is a key to reducing localized air pollution exposures that can result in adverse health impacts, especially to sensitive individuals.

Individual siting decisions that result in incompatible land uses are often the result of locating "sensitive" land uses next to polluting sources. These decisions can be of even greater concern when existing air pollution exposures in a community are considered. In general terms, this is often referred to as the issue of "cumulative impacts." ARB is working with local air districts to better define these situations and to make information about existing air pollution levels (e.g., from local businesses, motor vehicles, and other areawide sources) more readily available to land use agencies.

In December 2001, the ARB adopted "Policies and Actions for Environmental Justice" (Policies). These Policies were developed in coordination with a group of stakeholders, representing local government agencies, community interest

groups, environmental justice organizations, academia, and business (Environmental Justice Stakeholders Group).

The Policies included a commitment to work with land use planners, transportation agencies, and local air districts to develop ways to identify, consider, and reduce cumulative air pollution emissions, exposure, and health risks associated with land use planning and decision-making. Developed under the auspices of the ARB's Environmental Justice Stakeholders Group, this Handbook is a first step in meeting that commitment.

ARB has produced this Handbook to help achieve several objectives:

- Provide recommendations on situations to avoid when siting new residences, schools, day care centers, playgrounds, and medical-related facilities (sensitive sites or sensitive land uses);

- Identify approaches that land use agencies can use to prevent or reduce potential air pollution impacts associated with general plan policies, new land use development, siting, and permitting decisions;

- Improve and facilitate access to air quality data and evaluation tools for use in the land use decision-making process;

- Encourage stronger collaboration between land use agencies and local air districts to reduce community exposure to source-specific and cumulative air pollution impacts; and

- Emphasize community outreach approaches that promote active public involvement in the air quality/land use decision-making process.

This Handbook builds upon California's 2003 General Plan Guidelines. These Guidelines, developed by the Governor's Office of Planning and Research (OPR), explain the land use planning process and applicable legal requirements. This Handbook also builds upon a 1997 ARB report, "The Land Use-Air Quality Linkage" ("Linkage Report").[9] The Linkage Report was an outgrowth of the California Clean Air Act which, among other things, called upon local air districts to focus particular attention on reducing emissions from sources that indirectly cause air pollution by attracting vehicle trips. Such indirect sources include, but are not limited to, shopping centers, schools and universities, employment centers, warehousing, airport hubs, medical offices, and sports arenas. The Linkage Report summarizes data as of 1997 on the relationships between land use, transportation, and air quality, and highlights strategies that can help to reduce the use of single occupancy automobile use. Such strategies

[9] To access this report, please refer to ARB's website or click on: http://www.arb.ca.gov/ch/programs/link97.pdf

complement ARB regulatory programs that continue to reduce motor vehicle emissions.

In this Handbook, we identify types of air quality-related information that we recommend land use agencies consider in the land use decision-making processes such as the development of regional, general, and community plans; zoning ordinances; environmental reviews; project siting; and permit issuance. The Handbook provides recommendations on the siting of new sensitive land uses based on current analyses. It also contains information on approaches and methodologies for evaluating new projects from an air pollution perspective.

The Handbook looks at air quality issues associated with emissions from industrial, commercial, and mobile sources of air pollution. Mobile sources continue to be the largest overall contributors to the state's air pollution problems, representing the greatest air pollution health risk to most Californians. Based on current health risk information for air toxics, the most serious pollutants on a statewide basis are diesel PM, benzene, and 1,3-butadiene, all of which are primarily emitted by motor vehicles. From a state perspective, ARB continues to pursue new strategies to further reduce motor vehicle-related emissions in order to meet air quality standards and reduce air toxics risk.

While mobile sources are the largest overall contributors to the state's air pollution problems, industrial and commercial sources can also pose a health risk, particularly to people near the source. For this reason, the issue of incompatible land uses is an important focus of this document.

Handbook Audience

Even though the primary users of the Handbook will likely be agencies responsible for air quality and land use planning, we hope the ideas and technical issues presented in this Handbook will also be useful for:

- public and community organizations and community residents;
- federal, state and regional agencies that fund, review, regulate, oversee, or otherwise influence environmental policies and programs affected by land use policies; and
- private developers.

3. Key Community Focused Issues Land Use Agencies Should Consider

Two key air quality issues that land use agencies should consider in their planning, zoning, and permitting processes are:

1) **Incompatible Land Uses.** Localized air pollution impacts from incompatible land use can occur when polluting sources, such as a heavily trafficked roadway, warehousing facilities, or industrial or commercial facilities, are located near a land use where sensitive individuals are found such as a school, hospital, or homes.

2) **Cumulative Impacts.** Cumulative air pollution impacts can occur from a concentration of multiple sources that individually comply with air pollution control requirements or fall below risk thresholds, but in the aggregate may pose a public health risk to exposed individuals. These sources can be heavy or light-industrial operations, commercial facilities such as autobody shops, large gas dispensing facilities, dry cleaners, and chrome platers, and freeways or other nearby busy transportation corridors.

Incompatible Land Uses

Land use policies and practices can worsen air pollution exposure and adversely affect public health by mixing incompatible land uses. Examples include locating new sensitive land uses, such as housing or schools, next to small metal plating facilities that use a highly toxic form of chromium, or very near large industrial facilities or freeways. Based on recent monitoring and health-based studies, we now know that air quality impacts from incompatible land uses can contribute to increased risk of illness, missed work and school, a lower quality of life, and higher costs for public health and pollution control.[10]

Avoiding incompatible land uses can be a challenge in the context of mixed-use industrial and residential zoning. For a variety of reasons, government agencies and housing advocates have encouraged the proximity of affordable housing to employment centers, shopping areas, and transportation corridors, partially as a means to reduce vehicle trips and their associated emissions. Generally speaking, typical distances in mixed-use communities between businesses and industries and other land uses such as homes and schools, should be adequate to avoid health risks. However, generalizations do not always hold as we addressed in section 1 of this Handbook.

In terms of siting air pollution sources, the proposed location of a project is a major factor in determining whether it will result in localized air quality impacts. Often, the problem can be avoided by providing an adequate distance or setback

[10] For more information, the reader should refer to ARB's website on community health: http://www.arb.ca.gov/ch/ch.htm

between a source of emissions and nearby sensitive land uses. Sometimes, suggesting project design changes or mitigation measures in the project review phase can also reduce or avoid potential impacts. This underscores the importance of addressing potential incompatible land uses as early as possible in the project review process, ideally in the general plan itself.

Cumulative Air Pollution Impacts

The broad concept of cumulative air pollution impacts reflects the combination of regional air pollution levels and any localized impacts. Many factors contribute to air pollution levels experienced in any location. These include urban background air pollution, historic land use patterns, the prevalence of freeways and other transportation corridors, the concentration of industrial and commercial businesses, and local meteorology and terrain.

When considering the potential air quality impacts of polluting sources on individuals, project location and the concentration of emissions from air pollution sources need to be considered in the land use decision-making process. In section 4, the Handbook offers a series of questions that helps land use agencies determine if a project should undergo a more careful analysis. This holds true regardless of whether the project being sited is a polluting source or a sensitive land use project.

Large industrial areas are not the only land uses that may result in public health concerns in mixed-use communities. Cumulative air pollution impacts can also occur if land uses do not adequately provide setbacks or otherwise protect sensitive individuals from potential air pollution impacts associated with nearby light industrial sources. This can occur with activities such as truck idling and traffic congestion, or from indirect sources such as warehousing facilities that are located in a community or neighborhood.

In October 2004, Cal/EPA published its Environmental Justice Action Plan. In February 2005, the Cal/EPA Interagency Working Group approved a working definition of “cumulative impacts” for purposes of initially guiding the pilot projects that are being conducted pursuant to that plan. Cal/EPA is now in the process of developing a Cumulative Impacts Assessment Guidance document. Cal/EPA will revisit the working definition of “cumulative impacts” as the Agency develops that guidance. The following is the working definition:

> *“Cumulative impacts means exposures, public health or environmental effects from the combined emissions and discharges, in a geographic area, including environmental pollution from all sources, whether single or multi-media, routinely, accidentally, or otherwise released. Impacts will take into account sensitive populations and socio-economic factors, where applicable, and to the extent data are available.”*

4. Mechanisms for Integrating Localized Air Quality Concerns Into Land Use Processes

Land use agencies should use each of their existing planning, zoning, and permitting authorities to address the potential health risk associated with new projects. Land use-specific mechanisms can go a long way toward addressing both localized and cumulative impacts from new air pollution sources that are not otherwise addressed by environmental regulations. Likewise, close collaboration and communication between land use agencies and local air districts in both the planning and project approval stages can further reduce these impacts. Local agency partnerships can also result in early identification of potential impacts from proposed activities that might otherwise escape environmental review. When this happens, pollution problems can be prevented or reduced before projects are approved, when it is less complex and expensive to mitigate.

The land use entitlement process requires a series of planning decisions. At the highest level, the General Plan sets the policies and direction for the jurisdiction, and includes a number of mandatory elements dealing with issues such as housing, circulation, and health hazards. Zoning is the primary tool for implementing land use policies. Specific or community plans created in conjunction with a specific project also perform many of the same functions as a zoning ordinance. Zoning can be modified by means of variances and conditional use permits. The latter are frequently used to insure compatibility between otherwise conflicting land uses. Finally, new development usually requires the approval of a parcel or tract map before grading and building permits can be issued. These parcel or tract maps must be consistent with the applicable General Plan, zoning and other standards.

Land use agencies can use their planning authority to separate industrial and residential land uses, or to require mitigation where separation is not feasible. By separating incompatible land uses, land use agencies can prevent or reduce both localized and cumulative air pollution impacts without denying what might otherwise be a desirable project.[11] For instance:

- a dry cleaner could open a storefront operation in a community with actual cleaning operations performed at a remote location away from residential areas;
- gas dispensing facilities with lower fuel throughput could be sited in mixed-use areas;
- enhanced building ventilation or filtering systems in schools or senior care centers can reduce ambient air from nearby busy arterials; or
- landscaping and regular watering can be used to reduce fugitive dust at a building construction site near a school yard.

[11] It should be noted that such actions should also be considered as part of the General Plan or Plan element process.

The following general and specific land use approaches can help to reduce potential adverse air pollution impacts that projects may have on public health.

General Plans

The primary purpose of planning, and the source of government authority to engage in planning, is to protect public health, safety, and welfare. In its most basic sense, a local government General Plan expresses the community's development goals and embodies public policy relative to the distribution of future land uses, forming the basis for most land use decisions. Therefore, the most effective mechanism for dealing with the central land use concept of compatibility and its relationship to cumulative air pollution impacts is the General Plan. Well before projects are proposed within a jurisdiction, the General Plan sets the stage for where projects can be sited, and their compatibility with comprehensive community goals, objectives, and policies.

In 2003, OPR revised its General Plan Guidelines, highlighting the importance of incorporating sustainable development and environmental justice policies in the planning process. The OPR General Plan Guidelines provides an effective and long-term approach to reduce cumulative air pollution impacts at the earliest planning stages. In light of these important additions to the Guidelines, land use agencies should consider updating their General Plans or Plan elements to address these revisions.

The General Plan and related Plan elements can be used to avoid incompatible land uses by incorporating air quality considerations into these documents. For instance, a General Plan safety element with an air quality component could be used to incorporate policies or objectives that are intended to protect the public from the potential for facility breakdowns that may result in a dangerous release of air toxics. Likewise, an air quality component to the transportation circulation element of the General Plan could include policies or standards to prevent or reduce local exposure to diesel exhaust from trucks and other vehicles. For instance, the transportation circulation element could encourage the construction of alternative routes away from residential areas for heavy-duty diesel trucks. By considering the relationship between air quality and transportation, the circulation element could also include air quality policies to prevent or reduce trips and travel, and thus vehicle emissions. Policies in the land use element of the General Plan could identify areas appropriate for future industrial, commercial, and residential uses. Such policies could also introduce design and distance parameters that reduce emissions, exposure, and risk from industrial and some commercial land uses (e.g., dry cleaners) that are in close proximity to residential areas or schools.

Land use agencies should also consider updating or creating an air quality element in the jurisdiction's General Plan. In the air quality element, local decision-makers could develop long-term, effective plans and policies to address

air quality issues, including cumulative impacts. The air quality element can also provide a general reference guide that informs local land use planners about regional and community level air quality, regulatory air pollution control requirements and guidelines, and references emissions and pollution source data bases and assessment and modeling tools. As is further described in Appendix C of the Handbook, new assessment tools that ARB is developing can be included into the air quality element by reference. For instance, ARB's statewide risk maps could be referenced in the air quality element as a resource that could be consulted by developers or land use agencies

Zoning

The purpose of "zoning" is to separate different land uses. Zoning ordinances establish development controls to ensure that private development takes place within a given area in a manner in which:

- All uses are compatible (e.g., an industrial plant is not permitted in a residential area);
- Common development standards are used (e.g., all homes in a given area are set back the same minimum distance from the street); and,
- Each development does not unreasonably impose a burden upon its neighbors (e.g., parking is required on site so as not to create neighborhood parking problems).

To do this, use districts called "zones" are established and standards are developed for these zones. The four basic zones are residential, commercial, industrial and institutional.

Land use agencies may wish to consider how zoning ordinances, particularly those for mixed-use areas, can be used to avoid exacerbating poor land use practices of the past or contributing to localized and cumulative air pollution impacts in the community.

Sometimes, especially in mixed-use zones, there is a potential for certain categories of existing businesses or industrial operations to result in cumulative air pollution impacts to new development projects. For example:

- An assisted living project is proposed for a mixed-use zone adjacent to an existing chrome plating facility, or several dry cleaners;
- Multiple industrial sources regulated by a local air district are located directly upwind of a new apartment complex;
- A new housing development is sited in a mixed-use zone that is downwind or adjacent to a distribution center that attracts diesel-fueled delivery trucks and TRUs; or
- A new housing development or sensitive land use is sited without adequate setbacks from an existing major transportation corridor or rail yard.

As part of the public process for making zoning changes, local land use agencies could work with community planning groups, local businesses, and community residents to determine how best to address existing incompatible land uses.

Land Use Permitting Processes

■ Questions to Consider When Reviewing New Projects

Very often, just knowing what questions to ask can yield critical information about the potential air pollution impacts of proposed projects – both from the perspective of a specific project as well as in the nature of existing air pollution sources in the same impact area. Available land use information can reveal the proximity of air pollution sources to sensitive individuals, the potential for incompatible land uses, and the location and nature of nearby air pollution sources. Air quality data, available from the ARB and local air districts, can provide information about the types and amounts of air pollution emitted in an area, regional air quality concentrations, and health risk estimates for specific sources.

General Plans and zoning maps are an excellent starting point in reviewing project proposals for their potential air pollution impacts. These documents contain information about existing or proposed land uses for a specific location as well as the surrounding area. Often, just looking at a map of the proposed location for a facility and its surrounding area will help to identify a potential adjacent incompatible land use.

The following pages are a “pull-out” list of questions to consider along with cross-references to pertinent information in the Handbook. These questions are intended to assist land use agencies in evaluating potential air quality-related concerns associated with new project proposals.

The first group of questions contains project-related queries designed to help identify the potential for localized project impacts, particularly associated with incompatible land uses. The second group of questions focuses on the issue of potential cumulative impacts by including questions about existing emissions and air quality in the community, and community feedback. Depending on the answers to these questions, a land use agency may decide a more detailed review of the proposal is warranted.

The California Department of Education has already developed a detailed process for school siting which is outlined in Appendix E. However, school districts may also find this section helpful when evaluating the most appropriate site for new schools in their area. At a minimum, using these questions may encourage school districts to engage throughout their siting process with land use agencies and local air districts. The combined expertise of these entities can be useful in devising relevant design standards and mitigation measures that can

reduce exposure to cumulative emissions, exposure, and health risk to students and school workers.

As indicated throughout the Handbook, we strongly encourage land use agencies to consult early and often with local air districts. Local air districts have the expertise, many of the analytical tools, and a working knowledge of the sources they regulate. It is also critical to fully involve the public and businesses that could be affected by the siting decision. The questions provided in the chart below do not imply any particular action should be taken by land use agencies. Rather the questions are intended to improve the assessment process and facilitate informed decision-making.

- **Project-Related Questions**

This section includes project-related questions that, in conjunction with the questions in the next section, can be used to tailor the project evaluation. These questions are designed to help identify the potential for incompatible land uses from localized project impacts.

Questions to Consider When Reviewing New Projects

Project-Related Questions	Cross-Reference to Relevant Handbook Sections
1. Is the proposed project: ▲ A business or commercial license renewal ▲ A new or modified commercial project ▲ A new or modified industrial project ▲ A new or modified public facility project ▲ A new or modified transportation project ▲ A housing or other development in which sensitive individuals may live or play	See Appendix A for typical land use classifications and associated project categories that could emit air pollutants.
2. Does the proposed project: ▲ Conform to the zoning designation? ▲ Require a variance to the zoning designation? ▲ Include plans to expand operations over the life of the business such that additional emissions may increase the pollution burden in the community (e.g., from additional truck operations, new industrial operations or process lines, increased hours of operation, build-out to the property line, etc.)?	See Appendix F for a general explanation of land use processes. In addition, Section 3 contains a discussion of how land use planning, zoning, and permitting practices can result in incompatible land uses or cumulative air pollution impacts.
3. Has the local air district provided comments or information to assist in the analysis?	See Section 5 and Appendix C for a description of air quality-related tools that the ARB and local air districts use to provide information on potential air pollution impacts.
4. Have public meetings been scheduled with the affected community to solicit their involvement in the decision-making process for the proposed project?	See Section 7 for a discussion of public participation, information and outreach tools.
5. If the proposed project will be subject to local air district regulations: ▲ Has the project received a permit from the local air district? ▲ Would it comply with applicable local air district requirements? ▲ Is the local air district contemplating new regulations that would reduce emissions from the source over time? ▲ Will potential emissions from the project	See Appendix C for a description of local air district programs.

Project-Related Questions	Cross-Reference to Relevant Handbook Sections
trigger the local air district's new source review for criteria pollutants or air toxics emissions? ▲ Is the local air district expected to ask the proposed project to perform a risk assessment? ▲ Is there sufficient new information or public concern to call for a more thorough environmental analysis of the proposed project? ▲ Are there plans to expand operations over time? ▲ Are there land-use based air quality significance thresholds or design standards that could be applied to this project in addition to applicable air district requirements?	
6. If the proposed project will release air pollution emissions, either directly or indirectly, but is not regulated by the local air district: ▲ Is the local air district informed of the project? ▲ Does the local air district believe that there could be potential air pollution impacts associated with this project category because of the proximity of the project to sensitive individuals? ▲ If the project is one in which individuals live or play (e.g., a home, playground, convalescent home, etc.), does the local air district believe that the project's proximity to nearby sources could pose potential air pollution impacts? ▲ Are there indirect emissions that could be associated with the project (e.g., truck traffic or idling, transport refrigeration unit operations, stationary diesel engine operations, etc.) that will be in close proximity to sensitive individuals? ▲ Will the proposed project increase or serve as a magnet for diesel traffic? ▲ Are there land-use based air quality significance thresholds or design standards that could be applied to this project in addition to applicable air district requirements? ▲ Is there sufficient new information or public concern to call for a more thorough environmental analysis of the proposed project? ▲ Should the site approval process include identification and mitigation of potential	See Section 1 for recommendations on situations to avoid when siting projects where sensitive individuals would be located (sensitive sites).

Project-Related Questions	Cross-Reference to Relevant Handbook Sections
direct or indirect emissions associated with the potential project?	
7. Does the local air district or land use agency have pertinent information on the source, such as: ▲ Available permit and enforcement data, including for the owner or operator of the proposed source that may have other sources in the State. ▲ Proximity of the proposed project to sensitive individuals. ▲ Number of potentially exposed individuals from the proposed project. ▲ Potential for the proposed project to expose sensitive individuals to odor or other air pollution nuisances. ▲ Meteorology or the prevailing wind patterns between the proposed project and the nearest receptor, or between the proposed sensitive receptor project and sources that could pose a localized or cumulative air pollution impact.	See Appendix C for a description of local air district programs. See Appendix B for a listing of useful information that land use agencies should have on hand or have accessible when reviewing proposed projects for potential air pollution impacts. Also, do not hesitate to contact your local air district regarding answers to any of these questions that might not be available at the land use agency. See Section 1 for recommendations on situations to avoid when siting projects where sensitive individuals would be located (sensitive sites).
8. Based upon the project application, its location, and the nature of the source, could the proposed project: ▲ Be a polluting source that is located in proximity to, or otherwise upwind, of a location where sensitive individuals live or play? ▲ Attract sensitive individuals and be located in proximity to or otherwise downwind, of a source or multiple sources of pollution, including polluting facilities or transportation-related sources that contribute emissions either directly or indirectly? ▲ Result in health risk to the surrounding community?	See Section 3 for a discussion of what is an incompatible land use and the potential cumulative air pollution impacts. See Section 1 for recommendations on situations to avoid when siting projects where sensitive individuals would be located (sensitive sites).
9. If a CEQA categorical exemption is proposed, were the following questions considered: ▲ Is the project site environmentally sensitive as defined by the project's location? (A project that is ordinarily insignificant in its impact on the environment may in a particularly sensitive environment be significant.) ▲ Would the project and successive future projects of the same type in the approximate location potentially result in cumulative impacts? ▲ Are there "unusual circumstances" creating the possibility of significant effects?	See CEQA Guidelines section 15300, and Public Resources Code, section 21084. See Section 1 for recommendations on situations to avoid when siting projects where sensitive individuals would be located (sensitive sites). See also Section 5 and Appendix C for a description of air quality-related tools that the ARB and local air districts use to provide information on potential air pollution impacts.

- **Questions Related to Cumulative Impact Assessment**

The following questions can be used to provide the decision-maker with a better understanding of the potential for cumulative air pollution impacts to an affected community. Answers to these questions will help to determine if new projects or activities warrant a more detailed review. It may also help to see potential environmental concerns from the perspective of the affected community. Additionally, responses can provide local decision-makers with information with which to assess the best policy options for addressing neighborhood-scale air pollution concerns.

The questions below can be used to identify whether existing tools and procedures are adequate to address land use-related air pollution issues. This process can also be used to pinpoint project characteristics that may have the greatest impact on community-level emissions, exposure, and risk. Such elements can include: the compliance record of existing sources including those owned or operated by the project proponent; the concentration of emissions from polluting sources within the approximate area of sensitive sites; transportation circulation in proximity to the proposed project; compatibility with the General Plan and General Plan elements; etc.

The local air district can provide useful assistance in the collection and evaluation of air quality-related information for some of the questions and should be consulted early in the process.

Questions Related to Cumulative Impact Assessment

Technical Questions	Cross-Reference to Relevant Handbook Sections
1. Is the community home to industrial facilities?	See Appendix A for typical land use classifications and associated project categories that could emit air pollutants.
2. Do one or more major freeways or high-traffic volume surface streets cut through the community?	See transportation circulation element of your general plan. See also Appendix B for useful information that land use agencies should have on hand or have accessible when reviewing proposed projects for potential air pollution impacts. See Section 1 for recommendations on situations to avoid when siting projects where sensitive individuals would be located (sensitive sites).
3. Is the area classified for mixed-use zoning?	See your general plan and zoning ordinances.
4. Is there an available list of air pollution sources in the community?	Contact your local air district.
5. Has a walk-through of the community been conducted to gather the following information:	See Appendix B for a listing of useful information that land use agencies

Technical Questions	Cross-Reference to Relevant Handbook Sections
▲ Corroborate available information on land use activities in the area (e.g., businesses, housing developments, sensitive individuals, etc.)? ▲ Determine the proximity of existing and anticipated future projects to residential areas or sensitive individuals? ▲ Determine the concentration of emission sources (including anticipated future projects) to residential areas or sensitive individuals?	should have on hand or have accessible when reviewing proposed projects for potential air pollution impacts. Also contact your local air district.
6. Has the local air district been contacted to obtain information on sources in the community?	See Section 7 for a discussion of public participation, information and outreach tools.
7. What categories of commercial establishments are currently located in the area and does the local air district have these sources on file as being regulated or permitted?	See Appendix A for typical land use classifications and associated project categories that could emit air pollutants. Also contact your local air district.
8. What categories of indirect sources such as distribution centers or warehouses are currently located in the area?	See Appendix A for typical land use classifications and associated project categories that emit air pollutants.
9. What air quality monitoring data are available?	Contact your local air district.
10. Have any risk assessments been performed on emission sources in the area?	Contact your local air district.
11. Does the land use agency have the capability of applying a GIS spatial mapping tool that can overlay zoning, sub-development information, and other neighborhood characteristics, with air pollution and transportation data?	See Appendix B for a listing of useful information that land use agencies should have on hand or have accessible when reviewing proposed projects for potential air pollution impacts. Also contact your local air district for tools that can be used to supplement available land use agency tools.
12. Based on available information, is it possible to determine if the affected community or neighborhood experiences elevated health risk due to a concentration of air pollution sources in close proximity, and if not, can the necessary information be obtained?	Contact your local air district. Also see Section 1 for recommendations on situations to avoid when siting projects where sensitive individuals would be located (sensitive sites).
13. Does the community have a history of chronic complaints about air quality?	See Section 7 for a discussion of public participation, information and outreach tools. Also contact your local air district.
14. Is the affected community included in the public participation process for the agency's decision?	See Section 7 for a discussion of public participation, information and outreach tools.
15. Have community leaders or groups been contacted about any pre-existing or chronic community air quality concerns?	See Section 7 for a discussion of public participation, information and outreach tools. Also contact your local air district.

- **Mitigation Approaches**

In addition to considering the suitability of the project location, opportunities for mitigation of air pollution impacts should be considered. Sometimes, a land use agency may find that selection of a different project location to avoid a health risk is not feasible. When that happens, land use agencies should consider design improvements or other strategies that would reduce the risk. Such strategies could include performance or design standards, consultation with local air districts and other agencies on appropriate actions that these agencies should, or plan to, undertake, and consultation and outreach in the affected community. Potential mitigation measures should be feasible, cost-effective solutions within the available resources and authority of implementing agencies to enforce.[12]

- **Conditional Use Permits and Performance Standards**

Some types of land uses are only allowed upon approval of a conditional use permit (also called a CUP or special use permit). A conditional use permit does not re-zone the land but specifies conditions under which a particular land use will be permitted. Such land uses could be those with potentially significant environmental impacts. Local zoning ordinances specify the uses for which a conditional use permit is required, the zones they may be allowed in, and public hearing procedures. The conditional use permit imposes special requirements to ensure that the use will not be detrimental to its surroundings.

In the context of land use planning, performance standards are requirements imposed on projects or project categories through conditional use permits to ensure compliance with general plan policies and local ordinances. These standards could apply to such project categories as distribution centers, very large gas dispensing facilities, autobody shops, dry cleaners, and metal platers. Land use agencies may wish to consider adding land use-based performance standards to zoning ordinances in existing mixed-use communities for certain air pollution project categories. Such standards would provide certainty and equitable treatment to all projects of a similar nature, and reserve the more resource intensive conditional or special use permits to projects that require a more detailed analysis. In developing project design or performance standards, land use agencies should consult with the local air district. Early and regular consultation can avoid duplication or inconsistency with local air district control requirements when considering the site-specific design and operation of a project.

[12] A land use agency has the authority to condition or deny a project based upon information collected and evaluated through the land use decision-making process. However, any denial would need to be based upon identifiable, generally applicable, articulated standards set forth in the local government's General Plan and zoning codes. One way of averting this is to conduct early and regular outreach to the community and the local air district so that community and environmental concerns can be addressed and accommodated into the project proposal.

Examples of land use-based air quality-specific performance standards include the following:

- Placing a process vent away from the direction of the local playground that is nearby or increasing the stack height so that emissions are dispersed to reduce the emissions impact on surrounding homes or schools.
- Setbacks between the project fence line and the population center.
- Limiting the hours of operation of a facility to avoid excess emissions exposure or foul odors to nearby individuals.
- An ordinance that requires fleet operators to use cleaner vehicles before project approval (if a new business), or when expanding the fleet (if an existing business); and
- Providing alternate routes for truck operations that discourage detours into residential neighborhoods.

Outreach to Other Agencies

When questions arise regarding the air quality impacts of projects, including potential cumulative impacts, land use agencies should consult the local air district. Land use agencies should also consider the following suggestions to avoid creating new incompatible land uses:

- Consult with the local air district to help determine if emissions from a particular project will adversely impact sensitive individuals in the area, if existing or future effective regulations or permit requirements will affect the proposed project or other sources in the vicinity of the proposed project, or if additional inspections should be required.
- Check with ARB for new information and modeling tools that can help evaluate projects seeking to site within your jurisdiction.
- Become familiar with ARB's Land Use-Air Quality Linkage Report to determine whether approaches and evaluation tools contained in the Report can be used to reduce transportation-related impacts on communities.
- Contact and collaborate with other state agencies that play a role in the land use decision-making process, e.g., the State Department of Education, the California Energy Commission, and Caltrans. These agencies have information on mitigation measures and mapping tools that could be useful in addressing local problems.

- **Information Clearinghouse**

  - Land use agencies can refer to the ARB statewide electronic information clearinghouse for information on what measures other jurisdictions are using to address comparable issues or sources.[13]

[13] This information can be accessed from ARB's website by going to: http://www.arb.ca.gov/ch/clearinghouse.htm

The next section addresses available air quality assessment tools that land use agencies can use to evaluate the potential for localized or cumulative impacts in their communities.

5. Available Tools to Evaluate Cumulative Air Pollution Emissions and Risk

Until recently, California has traditionally approached air pollution control from the perspective of assessing whether the pollution was regional, category-specific, or from new or existing sources. This methodology has been generally effective in reducing statewide and regional air pollution impacts and risk levels. However, such an incremental, category-by-category, source-by-source approach may not always address community health impacts from multiple sources - including mobile, industrial, and commercial facilities.

As a result of air toxics and children's health concerns over the past several years, ARB and local air districts have begun to develop new tools to evaluate and inform the public about cumulative air pollution impacts at the community level. One aspect of ARB's programs now underway is to consolidate and make accessible air toxics emissions and monitoring data by region, using modeling tools and other analytical techniques to take a preliminary look at emissions, exposure, and health risk in communities.

ARB has developed multiple tools to assist local air districts perform assessments of cumulative emissions, exposure, and risk on a neighborhood scale. These tools include:

- Regional risk maps that show trends in potential cancer risk from toxic air pollutants in southern and central California between 1990 and 2010. These maps are based on the U.S. EPA's ASPEN model. These maps provide an estimate of background levels of toxic air pollutant risk but are not detailed enough to assess individual neighborhoods or facilities.[14]

- The Community Health Air Pollution Information System (CHAPIS) is a user-friendly, Internet-based system for displaying information on emissions from sources of air pollution in an easy to use mapping format. CHAPIS contains information on air pollution emissions from selected large facilities and small businesses that emit criteria and toxic air pollutants. It also contains information on air pollution emissions from motor vehicles. When released in 2004, CHAPIS did not contain information on every source of air pollution or every air pollutant. However, ARB continues to work with local air districts to include all of the largest air pollution sources and those with the highest documented air pollution risk. Additional facilities will be added to CHAPIS as more data become available.[15]

[14] For further information on these maps, please visit ARB's website at: http://www.arb.ca.gov/toxics/cti/hlthrisk/hlthrisk.htm
[15] For further information on CHAPIS, please click on: http://www.arb.ca.gov/ch/chapis1/chapis1.htm

- The Hot Spots Analysis and Reporting Program (HARP) is a software database package that evaluates emissions from one or more facilities to determine the overall health risk posed by the facility(-ies) on the surrounding community. Proper use of HARP ensures that the risk assessment meets the latest risk assessment guidelines published by the State Office of Environmental Health Hazard Assessment (OEHHA). HARP is designed with air quality professionals in mind and is available from the ARB.

- The Urban Emissions Model (URBEMIS) is a computer program that can be used to estimate emissions associated with land development projects in California such as residential neighborhoods, shopping centers, office buildings, and construction projects. URBEMIS uses emission factors available from the ARB to estimate vehicle emissions associated with new land uses.

Local air districts, and others can use these tools to assess a new project, or plan revision. For example, these tools can be used to:

- Identify if there are multiple sources of air pollution in the community;
- Identify the major sources of air pollution in the area under consideration;
- Identify the background potential cancer risk from toxic air pollution in the area under consideration;
- Estimate the risk from a new facility and how it adds to the overall risk from other nearby facilities; and
- Provide information to decision-makers and key stakeholders on whether there may be significant issues related to cumulative emissions, exposure, and health risk due to a permitting or land use decision.

If an air agency wishes to perform a cumulative air pollution impact analysis using any of these tools, it should consult with the ARB and/or the local air district to obtain information or assistance on the data inputs and procedures necessary to operate the program. In addition, land use agencies could consult with local air districts to determine the availability of land use and air pollution data for entry into an electronic Geographical Information System (GIS) format. GIS is an easier mapping tool than the more sophisticated models described in Appendix C. GIS mapping makes it possible to superimpose land use with air pollution information so that the spatial relationship between air pollution sources, sensitive receptors, and air quality can be visually represented. Appendix C provides a general description of the impact assessment process and micro-scale, or community level modeling tools that are available to evaluate potential cumulative air pollution impacts. Modeling protocols will be accessible on ARB's website as they become available. The ARB will also provide land use agencies and local air districts with statewide regional modeling results and information regarding micro-scale modeling.

6. ARB Programs to Reduce Air Pollution in Communities

ARB's regulatory programs reduce air pollutant emissions through statewide strategies that improve public health in all California communities. ARB's overall program addresses motor vehicles, consumer products, air toxics, air-quality planning, research, education, enforcement, and air monitoring. Community health and environmental justice concerns are a consideration in all these programs. ARB's programs are statewide but recognize that extra efforts may be needed in some communities due to historical mixed land-use patterns, limited participation in public processes in the past, and a greater concentration of air pollution sources in some communities.

ARB's strategies are intended to result in better air quality and reduced health risk to residents throughout California. The ARB's priority is to prevent or reduce the public's exposure to air pollution, including from toxic air contaminants that pose the greatest risk, particularly to infants and children who are more vulnerable to air pollution.

In October 2003, ARB updated its statewide control strategy to reduce emissions from source categories within its regulatory authority. A primary focus of the strategy is to achieve federal and state air quality standards for ozone and particulate matter throughout California, and to reduce health risk from diesel PM. Along with local air districts, ARB will continue to address air toxics emissions from regulated sources (see Table 6-1 for a summary of ARB activities). As indicated earlier, ARB will also provide analytical tools and information to land use agencies and local air districts to help assess and mitigate cumulative air pollution impacts.

The ARB will continue to consider the adoption of or revisions to needed air toxics control measures as part of the state's ongoing air toxics assessment program.[16]

As part of its effort to reduce particulate matter and air toxics emissions from diesel PM, the ARB has developed a Diesel Risk Reduction Program[17] that lays out several strategies in a three-pronged approach to reduce emissions and their associated risk:

- Stringent emission standards for all new diesel-fueled engines;
- Aggressive reductions from in-use engines; and
- Low sulfur fuel that will reduce PM and still provide the quality of diesel fuel needed to control diesel PM.

[16] For continuing information and updates on state measures, the reader can refer to ARB's website at http://www.arb.ca.gov/toxics/toxics.htm.
[17] For a comprehensive description of the program, please refer to ARB's website at http://www.arbB.ca.gov/diesel/dieselrrp.htm.

Table 6-1
ARB ACTIONS TO ADDRESS
CUMULATIVE AIR POLLUTION IMPACTS IN COMMUNITIES

Information Collection

- Improve emission inventories, air monitoring data, and analysis tools that can help to identify areas with high cumulative air pollution impacts
- Conduct studies in coordination with OEHHA on the potential for cancer and non-cancer health effects from air pollutants emitted by specific source categories
- Establish web-based clearinghouse for local land use strategies

Emission Reduction Approaches (2004-2006)*

- Through a public process, consider development and/or amendment of regulations and related guidance to reduce emissions, exposure, and health risk at a statewide and local level for the following sources:
  - Diesel PM sources such as stationary diesel engines, transport refrigeration units, portable diesel engines, on-road public fleets, off-road public fleets, heavy-duty diesel truck idling, harbor craft vessels, waste haulers
  - Other air toxics sources, such as formaldehyde in composite wood products, hexavalent chromium for chrome plating and chromic acid anodizing, thermal spraying, and perchloroethylene dry cleaning
- Develop technical information for the following:*
  - Distribution centers
  - Modeling tools such as HARP and CHAPIS
- Adopt rules and pollution prevention initiatives within legal authority to reduce emissions from mobile sources and fuels, and consumer products
- Develop and maintain Air Quality Handbook as a tool for use by land use agencies and local air districts to address cumulative air pollution impacts

Other Approaches

- Establish guidelines for use of statewide incentive funding for high priority mobile source emission reduction projects

*Because ARB will continue to review the need to adopt or revise statewide measures, the information contained in this chart will be updated on an ongoing basis.

A number of ARB's diesel risk reduction strategies have been adopted. These include measures to reduce emissions from refuse haulers, urban buses, transport refrigeration units, stationary and portable diesel engines, and idling trucks and school buses. These sources are all important from a community perspective.[18]

[18] The reader can refer to ARB's website for information on its mobile source-related programs at: http://www.arb.ca.gov/msprog/msprog.htm, as well as regulations adopted and under consideration as part of the Diesel Risk Reduction Program at: http://www.arb.ca.gov/diesel/dieselrrp.htm

The ARB will continue to evaluate the health effects of air pollutants while implementing programs with local air districts to reduce air pollution in all California communities.

Local air districts also have ambitious programs to reduce criteria pollutants and air toxics from regulated sources in their region. Many of these programs also benefit air quality in local communities as well as in the broader region. For more information on what is being done in your area to reduce cumulative air pollution impacts through air pollution control programs, you should contact your local air district.[19]

[19] Local air district contacts can be found on the inside cover to this Handbook.

7. Ways to Enhance Meaningful Public Participation

Community involvement is an important part of the land use process. The public is entitled to the best possible information about the air they breathe and what is being done to prevent or reduce unhealthful air pollution in their communities. In particular, information on how land use decisions can affect air pollution and public health should be made accessible to all communities, including low-income and minority communities.

Effective community participation consistently relies on a two-way flow of information – from public agencies to community members about opportunities, constraints, and impacts, and from community members back to public officials about needs, priorities, and preferences. The outreach process needed to build understanding and local neighborhood involvement requires data, methodologies, and formats tailored to the needs of the specific community. More importantly, it requires the strong collaboration of local government agencies that review and approve projects and land uses to improve the physical and environmental surroundings of the local community.

Many land use agencies, especially those in major metropolitan areas, are familiar with, and have a long-established public review process. Nevertheless, public outreach can often be improved. Active public involvement requires engaging the public in ways that do not require their previous interest in or knowledge of the land use or air pollution control requirements, and a commitment to taking action where appropriate to address the concerns that are raised.

■ Direct Community Outreach

In conjunction with local air districts, land use agencies should consider designing an outreach program for community groups, other stakeholders, and local government agency staffs that address the problem of cumulative air pollution impacts, and the public and government role in reducing them. Such a program could consider analytical tools that assist in the preparation and presentation of information in a way that supports sensible decision-making and public involvement. Table 7-1 contains some general outreach approaches that might be considered.

Table 7-1
Public Participation Approaches

- Staff and community leadership awareness training on environmental justice programs and community-based issues
- Surveys to identify the website information needs of interested community-based organizations and other stakeholders
- Information materials on local land use and air district authorities
- Community-based councils to facilitate and invite resident participation in the planning process
- Neighborhood CEQA scoping sessions that allows for community input prior to technical analysis
- Public information materials on siting issues are under review including materials written for the affected community, and in different media that widens accessibility
- Public meetings
- Identify other opportunities to include community-based organizations in the process

To improve outreach, local land use agencies should consider the following activities:

- Hold meetings in communities affected by agency programs, policies, and projects at times and in places that encourage public participation, such as evenings and weekends at centrally located community meeting rooms, libraries, and schools.
- Assess the need for and provide translation services at public meetings.
- Hold community meetings to update residents on the results of any special air monitoring programs conducted in their neighborhood.
- Hold community meetings to discuss and evaluate the various options to address cumulative impacts in their community.
- In coordination with local air districts, make staff available to attend meetings of community organizations and neighborhood groups to listen to and, where appropriate, act upon community concerns.
- Establish a specific contact person for environmental justice issues.
- Increase student and community awareness of local government land use activities and policies through outreach opportunities.
- Make air quality and land use information available to communities in an easily understood and useful format, including fact sheets, mailings, brochures, public service announcements, and web pages, in English and other languages.
- On the local government web-site, dedicate a page or section to what the land use program is doing regarding environmental justice and cumulative environmental impacts, and, as applicable, activities conducted with local air districts such as neighborhood air monitoring studies, pollution prevention, air pollution sources in neighborhoods, and risk reduction.

- Allow, encourage, and promote community access to land use activities, including public meetings, General Plan or Community Plan updates, zoning changes, special studies, CEQA reviews, variances, etc.
- Distribute information in multiple languages, as needed, on how to contact the land use agency or local air district to obtain information and assistance regarding environmental justice programs, including how to participate in public processes.
- Create and distribute a simple, easy-to-read, and understandable public participation handbook, which may be based on the "Public Participation Guidebook" developed by ARB.

- **Other Opportunities for Meaningful Public Outreach**

  - Community-Based Planning Committees

  Neighborhood-based or community planning advisory councils could be established to invite and facilitate direct resident participation into the planning process. With the right training and technical assistance, such councils can provide valuable input and a forum for the review of proposed amendments to plans, zone changes, land use permits, and suggestions as to how best to prevent or reduce cumulative air pollution impacts in their community.

  - Regional Partnerships

  Consider creating regional coalitions of key growth-related organizations from both the private and public sectors, with corporations, communities, other jurisdictions, and government agencies. Such partnerships could facilitate agreement on common goals and win-win solutions tailored specifically for the region. With this kind of dialogue, shared vision, and collaboration, barriers can be overcome and locally acceptable sustainable solutions implemented. Over the long term, such strategies will help to bring about clean air in communities as well as regionally.

LAND USE CLASSIFICATIONS AND ASSOCIATED FACILITY CATEGORIES THAT COULD EMIT AIR POLLUTANTS

(1) Land Use Classifications – by Activity[i]	(2) Facility or Project Examples	(3) Key Pollutants[ii,iii]	(4) Air Pollution Permits[iv]
COMMERCIAL/ LIGHT INDUSTRIAL: SHOPPING, BUSINESS, AND COMMERCIAL			
▲ Primarily retail shops and stores, office, commercial activities, and light industrial or small business	Dry cleaners; drive-through restaurants; gas dispensing facilities; auto body shops; metal plating shops; photographic processing shops; textiles; apparel and furniture upholstery; leather and leather products; appliance repair shops; mechanical assembly cleaning; printing shops	VOCs, air toxics, including diesel PM, NOx, CO, SOx	Limited; Rules for applicable equipment
▲ Goods storage or handling activities, characterized by loading and unloading goods at warehouses, large storage structures, movement of goods, shipping, and trucking.	Warehousing; freight-forwarding centers; drop-off and loading areas; distribution centers	VOCs, air toxics, including diesel PM, NOx, CO, SOx	No[v]
LIGHT INDUSTRIAL: RESEARCH AND DEVELOPMENT			
▲ Medical waste at research hospitals and labs	Incineration; surgical and medical instrument manufacturers, pharmaceutical manufacturing, biotech research facilities	Air toxics, NOx, CO, SOx	Yes
▲ Electronics, electrical apparatus, components, and accessories	Computer manufacturer; integrated circuit board manufacturer; semi-conductor production	Air toxics, VOCs	Yes
▲ College or university lab or research center	Medical waste incinerators; lab chemicals handling, storage and disposal	Air toxics, NOx, CO, SOx, PM10	Yes
▲ Research and development labs	Satellite manufacturer; fiber-optics manufacturer; defense contractors; space research and technology; new vehicle and fuel testing labs	Air toxics, VOCs	Yes
▲ Commercial testing labs	Consumer products; chemical handling, storage and disposal	Air toxics, VOCs	Yes

(1) Land Use Classifications – by Activity[i]	(2) Facility or Project Examples	(3) Key Pollutants[ii,iii]	(4) Air Pollution Permits[iv]
INDUSTRIAL: NON-ENERGY-RELATED			
▲ Assembly plants, manufacturing facilities, industrial machinery	Adhesives; chemical; textiles; apparel and furniture upholstery; clay, glass, and stone products production; asphalt materials; cement manufacturers, wood products; paperboard containers and boxes; metal plating; metal and canned food product fabrication; auto manufacturing; food processing; printing and publishing; drug, vitamins, and pharmaceuticals; dyes; paints; pesticides; photographic chemicals; polish and wax; consumer products; metal and mineral smelters and foundries; fiberboard; floor tile and cover; wood and metal furniture and fixtures; leather and leather products; general industrial and metalworking machinery; musical instruments; office supplies; rubber products and plastics production; saw mills; solvent recycling; shingle and siding; surface coatings	VOCs, air toxics, including diesel PM, NOx, PM, CO, SOx	Yes
INDUSTRIAL: ENERGY AND UTILITIES			
▲ Water and sewer operations	Pumping stations; air vents; treatment	VOCs, air toxics, NOx, CO, SOx, PM10	Yes
▲ Power generation and distribution	Power plant boilers and heaters; portable diesel engines; gas turbine engines	NOx, diesel PM, NOx, CO, SOx, PM10, VOCs	Yes
▲ Refinery operations	Refinery boilers and heaters; coke cracking units; valves and flanges; flares	VOCs, air toxics, including diesel PM, NOx, CO, SOx, PM10	Yes
▲ Oil and gas extraction	Oil recovery systems; uncovered wells	NOx, diesel PM, VOCs, CO, SOx, PM10	Yes
▲ Gasoline storage, transmission, and marketing	Above and below ground storage tanks; floating roof tanks; tank farms; pipelines	VOCs, air toxics, including diesel PM, NOx, CO, SOx, PM10	Yes
▲ Solid and hazardous waste treatment, storage, and disposal activities.	Landfills; methane digester systems; process recycling facility for concrete and asphalt materials	VOCs, air toxics, NOx, CO, SOx, PM10	Yes
CONSTRUCTION (NON-TRANSPORTATION)			
	Building construction; demolition sites	PM (re-entrained road dust), asbestos, diesel PM, NOx, CO, SOx, PM10, VOCs	Limited; state and federal off-road equipment standards

(1) Land Use Classifications – by Activity[i]	(2) Facility or Project Examples	(3) Key Pollutants[ii,iii]	(4) Air Pollution Permits[iv]
	Ordnance and explosives demolition; range and testing activities; chemical production; degreasing; surface coatings; vehicle refueling; vehicle and engine operations and maintenance	VOCs, air toxics, including diesel PM, NOx, CO, SOx, PM10	Limited; prescribed burning; equipment and solvent rules
TRANSPORTATION			
▲ Vehicular movement	Residential area circulation systems; parking and idling at parking structures; drive-through establishments; car washes; special events; schools; shopping malls, etc.	VOCs, NOx, PM (re-entrained road dust) air toxics e.g., benzene, diesel PM, formaldehyde, acetaldehyde, 1,3 butadiene, CO, SOx, PM10	No
▲ Road construction and surfacing	Street paving and repair; new highway construction and expansion	VOCs, air toxics, including diesel PM, NOx, CO, SOx, PM10	No
▲ Trains	Railroads; switch yards; maintenance yards	VOCs, NOx, CO, SOx, PM10, air toxics, including diesel PM	Limited; Applicable state and federal MV standards, and possible equipment rules
▲ Marine and port activities	Recreational sailing; commercial marine operations; hotelling operations; loading and un-loading; servicing; shipping operations; port or marina expansion; truck idling		
▲ Aircraft	Takeoff, landing, and taxiing; aircraft maintenance; ground support activities		
▲ Mass transit and school buses	Bus repair and maintenance		
NATURAL RESOURCES			
▲ Farming operations	Agricultural burning; diesel operated engines and heaters; small food processors; pesticide application; agricultural off-road equipment	Diesel PM, VOCs, NOx, PM10, CO, SOx, pesticides	Limited[vi]; Agricultural burning requirements, applicable state and federal mobile source standards; pesticide rules
▲ Livestock and dairy operations	Dairies and feed lots	Ammonia, VOCs, PM10	Yes[vii]
▲ Logging	Off-road equipment e.g., diesel fueled chippers, brush hackers, etc.	Diesel PM, NOx, CO, SOx, PM10, VOCs	Limited; Applicable state/federal mobile source standards
▲ Mining operations	Quarrying or stone cutting; mining; drilling or dredging	PM10, CO, SOx, VOCs, NOx, and asbestos in some geographical areas	Applicable equipment rules and dust controls

(1) Land Use Classifications – by Activity[i]	(2) Facility or Project Examples	(3) Key Pollutants[ii,iii]	(4) Air Pollution Permits[iv]
RESIDENTIAL			
Housing	Housing developments; retirement developments; affordable housing	Fireplace emissions (PM10, NOx, VOCs, CO, air toxics); Water heater combustion (NOx, VOCs, CO)	No[vii]
ACADEMIC AND INSTITUTIONAL			
▲ Schools, including school-related recreational activities	Schools; school yards; vocational training labs/classrooms such as auto repair/painting and aviation mechanics	Air toxics	Yes/No[viii]
▲ Medical waste	Incineration	Air toxics, NOx, CO, PM10	Yes
▲ Clinics, hospitals, convalescent homes		Air toxics	Yes

[i] These classifications were adapted from the American Planning Association's "Land Based Classification Standards." The Standards provide a consistent model for classifying land uses based on their characteristics. The model classifies land uses by refining traditional categories into multiple dimensions, such as activities, functions, building types, site development character, and ownership constraints. Each dimension has its own set of categories and subcategories. These multiple dimensions allow users to have precise control over land-use classifications. For more information, the reader should refer to the Association's website at http://www.planning.org/LBCS/GeneralInfo/.

[ii] This column includes key criteria pollutants and air toxic contaminants that are most typically associated with the identified source categories.

Additional information on specific air toxics that are attributed to facility categories can be found in ARB's Emission Inventory Criteria and Guidelines Report for the Air Toxics Hot Spots Program (May 15, 1997). This information can be viewed at ARB's web site at http://www.arb.ca.gov/ab2588/final96/guide96.pdf.

Criteria air pollutants are those air pollutants for which acceptable levels of exposure can be determined and for which an ambient air quality standard has been set. Criteria pollutants include ozone (formed by the reaction of volatile organic compounds and nitrogen oxides in the presence of sunlight), particulate matter, nitrogen dioxide, sulfur dioxide, carbon monoxide, and lead.

Volatile organic compounds (VOCs) combine with nitrogen oxides to form ozone, as well as particulate matter. VOC emissions result primarily from incomplete fuel combustion and the evaporation of chemical solvents and fuels. On-road mobile sources are the largest contributors to statewide VOC emissions. Stationary sources of VOC emissions include processes that use solvents (such as dry-cleaning, degreasing, and coating operations) and petroleum-related processes (such as petroleum refining, gasoline marketing and dispensing, and oil and gas extraction). Areawide VOC sources include consumer products, pesticides, aerosols and paints, asphalt paving and roofing, and other evaporative emissions.

Nitrogen oxides (NOx) are a group of gaseous compounds of nitrogen and oxygen, many of which contribute to the formation of ozone and particulate matter. Most NOx emissions are produced by the combustion of fuels. Mobile sources make up about 80 percent of the total statewide NOx emissions. Mobile sources include on-road vehicles and trucks, aircraft, trains, ships, recreational boats, industrial and construction equipment, farm

equipment, off-road recreational vehicles, and other equipment. Stationary sources of NOx include both internal and external combustion processes in industries such as manufacturing, food processing, electric utilities, and petroleum refining. Areawide source, which include residential fuel combustion, waste burning, and fires, contribute only a small portion of the total statewide NOx emissions, but depending on the community, may contribute to a cumulative air pollution impact.

Particulate matter (PM) refers to particles small enough to be breathed into the lungs (under 10 microns in size). It is not a single substance, but a mixture of a number of highly diverse types of particles and liquid droplets. It can be formed directly, primarily as dust from vehicle travel on paved and unpaved roads, agricultural operations, construction and demolition.

Carbon monoxide (CO) is a colorless and odorless gas that is directly emitted as a by-product of combustion. The highest concentrations are generally associated with cold stagnant weather conditions that occur during winter. CO problems tend to be localized.

An Air Toxic Contaminant (air toxic) is defined as an air pollutant that may cause or contribute to an increase in mortality or in serous illness, or which may pose a present or potential hazard to human health. Similar to criteria pollutants, air toxics are emitted from stationary, areawide, and mobile sources. They contribute to elevated regional and localized risks near industrial and commercial facilities and busy roadways. The ten compounds that pose the greatest statewide risk are: acetaldehyde; benzene; 1,3-butadiene; carbon tetrachloride; diesel particulate matter (diesel PM); formaldehyde; hexavalent chromium; methylene chloride; para-dichlorobenzene; and perchloroethylene. The risk from diesel PM is by far the largest, representing about 70 percent of the known statewide cancer risk from outdoor air toxics. The exhaust from diesel-fueled engines is a complex mixture of gases, vapors, and particles, many of which are known human carcinogens. Diesel PM is emitted from both mobile and stationary sources. In California, on-road diesel-fueled vehicles contribute about 26 percent of statewide diesel PM emissions, with an additional 72 percent attributed to other mobile sources such as construction and mining equipment, agricultural equipment, and other equipment. Stationary engines in shipyards, warehouses, heavy equipment repair yards, and oil and gas production operations contribute about two percent of statewide emissions. However, when this number is disaggregated to a sub-regional scale such as neighborhoods, the risk factor can be far greater.

[iii] The level of pollution emitted is a major determinant of the significance of the impact.

[iv] Indicates whether facility activities listed in column 4 are generally subject to local air district permits to operate. This does not include regulated products such as solvents and degreasers that may be used by sources that may not require an operating permit per se, e.g., a gas station or dry cleaner.

[v] Generally speaking, warehousing or distribution centers are not subject to local air district permits. However, depending on the district, motor vehicle fleet rules may apply to trucks or off-road vehicles operated and maintained by the facility operator. Additionally, emergency generators or internal combustion engines operated on the site may require an operating permit.

[vi] Authorized by recent legislation SB700.

[vii] Local air districts do not require permits for woodburning fireplaces inside private homes. However, some local air districts and land use agencies do have rules or ordinances that require new housing developments or home re-sales to install U.S. EPA –certified stoves. Some local air districts also ban residential woodburning during weather inversions that concentrate smoke in residential areas. Likewise, home water heaters are not subject to permits; however, new heaters could be subject to emission limits that are imposed by federal or local agency regulations.

[viii] Technical training schools that conduct activities normally permitted by a local air district could be subject to an air permit.

APPENDIX B

LAND USE-BASED REFERENCE TOOLS TO EVALUATE NEW PROJECTS FOR POTENTIAL AIR POLLUTION IMPACTS

Land use agencies generally have a variety of tools and approaches at hand, or accessible from local air districts that can be useful in performing an analysis of potential air pollution impacts associated with new projects. These tools and approaches include:

- Base map of the city or county planning area and terrain elevations.
- General Plan designations of land use (existing and proposed).
- Zoning maps.
- Land use maps that identify existing land uses, including the location of facilities that are permitted or otherwise regulated by the local air district. Land use agencies should consult with their local air district for information on regulated facilities.
- Demographic data, e.g., population location and density, distribution of population by income, distribution of population by ethnicity, and distribution of population by age. The use of population data is a normal part of the planning process. However, from an air quality perspective, socioeconomic data is useful to identify potential community health and environmental justice issues.
- Emissions, monitoring, and risk-based maps created by the ARB or local air districts that show air pollution-related health risk by community across the state.
- Location of public facilities that enhance community quality of life, including parks, community centers, and open space.
- Location of industrial and commercial facilities and other land uses that use hazardous materials, or emit air pollutants. These include chemical storage facilities, hazardous waste disposal sites, dry cleaners, large gas dispensing facilities, auto body shops, and metal plating and finishing shops.
- Location of sources or facility types that result in diesel on-road and off-road emissions, e.g., stationary diesel power generators, forklifts, cranes, construction equipment, on-road vehicle idling, and operation of transportation refrigeration units. Distribution centers, marine terminals and ports, rail yards, large industrial facilities, and facilities that handle bulk goods are all examples of complex facilities where these types of emission sources are frequently concentrated.[1] Very large facilities, such as ports, marine terminals, and airports, could be analyzed regardless of proximity to a receptor if they are within the modeling area.
- Location and zoning designations for existing and proposed schools, buildings, or outdoor areas where sensitive individuals may live or play.
- Location and density of existing and proposed residential development.
- Zoning requirements, property setbacks, traffic flow requirements, and idling restrictions for trucks, trains, yard hostlers[2], construction equipment, or school buses.
- Traffic counts (including diesel truck traffic counts), within a community to validate or augment existing regional motor vehicle trip and speed data.

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[1] The ARB is currently evaluating the types of facilities that may act as complex point sources and developing methods to identify them.

[2] Yard hostler means a tractor less than 300 horsepower that is used to transfer semi-truck or tractor-trailer containers in and around storage, transfer, or distribution yards or areas and is often equipped with a hydraulic lifting fifth wheel for connection to trailer containers.

ARB AND LOCAL AIR DISTRICT INFORMATION AND TOOLS CONCERNING CUMULATIVE AIR POLLUTION IMPACTS

It is the ARB's policy to support research and data collection activities toward the goal of reducing cumulative air pollution impacts. These efforts include updating and improving the air toxics emissions inventory, performing special air monitoring studies in specific communities, and conducting a more complete assessment of non-cancer health effects associated with air toxics and criteria pollutants.[1] This information is important because it helps us better understand links between air pollution and the health of sensitive individuals -- children, the elderly, and those with pre-existing serious health problems affected by air quality.

ARB is working with CAPCOA and OEHHA to improve air pollutant data and evaluation tools to determine when and where cumulative air pollution impacts may be a problem. The following provides additional information on this effort.

How are emissions assessed?

Detailed information about the sources of air pollution in an area is collected and maintained by local air districts and the ARB in what is called an emission inventory. Emission inventories contain information about the nature of the business, the location, type and amount of air pollution emitted, the air pollution-producing processes, the type of air pollution control equipment, operating hours, and seasonal variations in activity. Local districts collect emission inventory data for most stationary source categories.

Local air districts collect air pollution emission information directly from facilities and businesses that are required to obtain an air pollution operating permit. Local air districts use this information to compile an emission inventory for areas within their jurisdiction. The ARB compiles a statewide emission inventory based on the information collected by the ARB and local air districts. Local air districts provide most of the stationary source emission data, and ARB provides mobile source emissions as well as some areawide emission sources such as consumer products and paints. ARB is also developing map-based tools that will display information on air pollution sources.

Criteria pollutant data have been collected since the early 1970's, and toxic pollutant inventories began to be developed in the mid-1980's.

[1] A criteria pollutant is any air pollutant for which EPA has established a National Ambient Air Quality Standard or for which California has established a State Ambient Air Quality Standard, including: carbon monoxide, lead, nitrogen oxides, ozone, particulates and sulfur oxides. Criteria pollutants are measured in each of California's air basins to determine whether the area meets or does not meet specific federal or state air quality standards. Air toxics or air toxic contaminants are listed pollutants recognized by California or EPA as posing a potential risk to health.

How is the toxic emission inventory developed?

Emissions data for toxic air pollutants is a high priority for communities because of concerns about potential health effects. Most of ARB's air toxics data is collected through the toxic "Hot Spots" program. Local air districts collect emissions data from industrial and commercial facilities. Facilities that exceed health-based thresholds are required to report their air toxics emissions as part of the toxic "Hot Spots" program and update their emissions data every four years. Facilities are required to report their air toxics emissions data if there is an increase that would trigger the reporting threshold of the hotspots program. Air toxics emissions from motor vehicles and consumer products are estimated by the ARB. These estimates are generally regional in nature, reflecting traffic and population.

The ARB also maintains chemical speciation profiles that can be used to estimate toxics emissions when no toxic emissions data is available.

What additional toxic emissions information is needed?

In order to assess cumulative air pollution impacts, updated information from individual facilities is needed. Even for sources where emissions data are available, additional information such as the location of emissions release points is often needed to better model cumulative impacts. In terms of motor vehicles, emissions data are currently based on traffic models that only contain major roads and freeways. Local traffic data are needed so that traffic emissions can be more accurately assigned to specific streets and roads. Local information is also needed for off-road emission sources, such as ships, trains, and construction equipment. In addition, hourly maximum emissions data are needed for assessing acute air pollution impacts.

What work is underway?

ARB is working with CAPCOA to improve toxic emissions data, developing a community health air pollution information system to improve access to emission information, conducting neighborhood assessment studies to better understand toxic emission sources, and conducting surveys of sources of toxic pollutants.

How is air pollution monitored?

While emissions data identify how much air pollution is going into the air, the state's air quality monitoring network measures air pollutant levels in outdoor air. The statewide air monitoring network is primarily designed to measure regional exposure to air pollutants, and consists of more than 250 air monitoring sites.

The air toxics monitoring network consists of approximately 20 permanent sites. These sites are supplemented by special monitoring studies conducted by ARB and local air districts. These sites measure approximately sixty toxic air pollutants. Diesel PM, which is the major driver of urban air toxic risk, is not monitored directly. Ten of the

60 toxic pollutants, not including diesel, account for most of the remaining potential cancer risk in California urban areas.

What additional monitoring has been done?

Recently, additional monitoring has been done to look at air quality at the community level. ARB's community monitoring was conducted in six communities located throughout the state. Most sites were in low-income, minority communities located near major sources of air pollution, such as refineries or freeways. The monitoring took place for a year or more in each community, and included measurements of both criteria and toxic pollutants.

What is being learned from community monitoring?

In some cases, the ARB or local air districts have performed air quality monitoring or modeling studies covering a particular region of the state. When available, these studies can give information about regional air pollution exposures.

The preliminary results of ARB's community monitoring are providing insights into air pollution at the community level. Urban background levels are a major contributor to the overall risk from air toxics in urban areas, and this urban background tends to mask the differences between communities. When localized elevated air pollutant levels were measured, they were usually associated with local ground-level sources of toxic pollutants. The most common source of this type was busy streets and freeways. The impact these ground-level sources had on local air quality decreased rapidly with distance from the source. Pollutant levels usually returned to urban background levels within a few hundred meters of the source.

These results indicate that tools to assess cumulative impacts must be able to account for both localized, near-source impacts, as well as regional background air pollution. The tools that ARB is developing for this purpose are air quality models.

How can air quality modeling be used?

While air monitoring can directly measure cumulative exposure to air pollution, it is limited because all locations cannot be monitored. To address this, air quality modeling provides the capability to estimate exposure when air monitoring is not feasible. Air quality modeling can be refined to assess local exposure, identify locations of potential hot spots, and identify the relative contribution of emission sources to exposure at specific locations. The ARB has used this type of information to develop regional cumulative risk maps that estimate the cumulative cancer air pollution risk for most of California. While these maps only show one air pollution-related health risk, it does provide a useful starting point.

What is needed for community modeling?

Air quality models have been developed to assess near-source impacts, but they have very exacting data requirements. These near-source models estimate the impact of local sources, but do not routinely include the contribution from regional air pollution background. To estimate cumulative air pollution exposure at a neighborhood scale, a modeling approach needs to combine features of both micro-scale and regional models.

In addition, improved methods are needed to assess near-source impacts under light and variable wind conditions, when high local concentrations are more likely to occur. A method for modeling long-term exposure to air pollutants near freeways and other high traffic areas is also needed.

What modeling work has ARB developed?

A key component of ARB's Community Health Program is the Neighborhood Assessment Program (NAP). As described later in this section, the NAP studies are being conducted to better understand pollution impacts at the community level. Through two such studies conducted in Barrio Logan (San Diego) and Wilmington (Los Angeles), ARB is refining community-level modeling methodologies. Regional air toxics modeling is also being performed to better understand regional air pollution background levels.

In a parallel effort, ARB is developing modeling protocols for estimating cumulative emissions, exposure, and risk from air pollution. The protocols will cover modeling approaches and uncertainties, procedures for running the models, the development of statewide risk maps, and methods for estimating health risks. The protocols are subject to an extensive peer review process prior to release.

How are air pollution impacts on community health assessed?

On a statewide basis, ARB's toxic air contaminant program identifies and reduces public exposure to air toxics. The focus of the program has been on reducing potential cancer risk, because monitoring results show potential urban cancer risk levels are too high. ARB has also looked for potential non-cancer risks based on health reference levels provided by OEHHA. On a regional basis, the pollutants measured in ARB's toxic monitoring network are generally below the OEHHA non-cancer reference exposure levels.

As part of its community health program, the ARB is looking at potential cancer and non-cancer risk. This could include chronic or acute health effects. If the assessment work shows elevated exposures on a localized basis, ARB will work with OEHHA to assess the health impacts.

What tools has ARB developed to assess cumulative air pollution impacts?

ARB has developed the following tools and reports to assist land use agencies and local air districts assess and reduce cumulative emissions, exposure, and risk on a neighborhood scale.

Statewide Risk Maps

ARB has produced regional risk maps that show the statewide trends for Southern and Central California in estimated potential cancer risk from air toxics between 1990 and 2010.[2] These maps will supplement U.S. EPA's ASPEN model and are available on the ARB's Internet site. These maps are best used to obtain an estimate of the regional background air pollution health risk and are not detailed enough to estimate the exact risk at a specific location.

ARB also has maps that focus in more detail on smaller areas that fall within the Southern and Central California regions for these same modeled years. The finest visual resolution available in the maps on this web site is two by two kilometers. These maps are not detailed enough to assess individual neighborhoods or facilities.

Community Health Air Pollution Information System (CHAPIS)

CHAPIS is an Internet-based procedure for displaying information on emissions from sources of air pollution in an easy to use mapping format. CHAPIS uses Geographical Information System (GIS) software to deliver interactive maps over the Internet. CHAPIS relies on emission estimates reported to the ARB's emission inventory database - California Emissions Inventory Development and Reporting System, or CEIDARS.

Through CHAPIS, air district staff can quickly and easily identify pollutant sources and emissions within a specified area. CHAPIS contains information on air pollution emissions from selected large facilities and small businesses that emit criteria and toxic air pollutants. It also contains information on air pollution emissions from motor vehicle and areawide emissions. CHAPIS does not contain information on every source of air pollution or every air pollutant. It is a major long-term objective of CHAPIS to include all of the largest air pollution sources and those with the highest documented air pollution risk. CHAPIS will be updated on a periodic basis and additional facilities will be added to CHAPIS as more data becomes available.

CHAPIS is being developed in stages to assure data quality. The initial release of CHAPIS will include facilities emitting 10 or more tons per year of nitrogen oxides, sulfur dioxide, carbon monoxide, PM10, or reactive organic gases; air toxics from refineries and power plants of 50 megawatts or more; and facilities that conducted health risk

[2]ARB maintains state trends and local potential cancer risk maps that show statewide trends in potential inhalable cancer risk from air toxics between 1990 and 2010. This information can be viewed at ARB's web site at http://www.arb.ca.gov/toxics/cti/hlthrisk/hlthrisk.htm)

assessments under the California Air Toxics "Hot Spots" Information and Assessment Program.[3]

CHAPIS can be used to identify the emission contributions from mobile, area, and point sources on that community.

"Hot Spots" Analysis and Reporting Program (HARP)

HARP[4] is a software package available from the ARB and is designed with air quality professionals in mind. It models emissions and release data from one or more facilities to estimate the potential health risk posed by the selected facilities on the neighboring community. HARP uses the latest risk assessment guidelines published by OEHHA.

With HARP, a user can perform the following tasks:

- Create and manage facility databases;
- Perform air dispersion modeling;
- Conduct health risk analyses;
- Output data reports; and
- Output results to GIS mapping software.

HARP can model downwind concentrations of air toxics based on the calculated emissions dispersion at a single facility. HARP also has the capability of assessing the risk from multiple facilities, and for multiple locations of concern near those facilities. While HARP has the capability to assess multiple source impacts, there had been limited application of the multiple facility assessment function in the field at the time of HARP's debut in 2003. HARP can also evaluate multi-pathway, non-inhalation health risk resulting from air pollution exposure, including skin and soil exposure, and ingestion of meat and vegetables contaminated with air toxics, and other toxics that have accumulated in a mother's breast milk.

Neighborhood Assessment Program (NAP)

The NAP[5] has been a key component of ARB's Community Health Program. It includes the development of tools that can be used to perform assessments of cumulative air pollution impacts on a neighborhood scale. The NAP studies have been done to better understand how air pollution affects individuals at the neighborhood level. Thus far, ARB has conducted neighborhood scale assessments in Barrio Logan and Wilmington.

As part of these studies, ARB is collecting data and developing a modeling protocol that can be used to conduct cumulative air pollution impact assessments. Initially these

[3] California Health & Safety Code section 44300, et seq.
[4] More detailed information can be found on ARB's website at: http://www.arb.ca.gov/toxics/harp/harp.htm
[5] For more information on the Program, please refer to: http://www.arb.ca.gov/ch/programs/nap/nap.htm

assessments will focus on cumulative inhalation cancer health risk and chronic non-cancer impacts. The major challenge is developing modeling methods that can combine both regional and localized air pollution impacts, and identifying the critical data necessary to support these models. The objective is to develop methods and tools from these studies that can ultimately be applied to other areas of the state. In addition, the ARB plans to use these methods to replace the ASPEN regional risk maps currently posted on the ARB Internet site.

Urban Emissions Model (URBEMIS)

URBEMIS[6] is a computer program that can be used to estimate emissions associated with land development projects in California such as residential neighborhoods, shopping centers, office buildings, and construction projects. URBEMIS uses emission factors available from the ARB to estimate vehicle emissions associated with new land uses. URBEMIS estimates sulfur dioxide emissions from motor vehicles in addition to reactive organic gases, nitrogen oxides, carbon monoxide, and PM10.

Land-Use Air Quality Linkage Report[7]

This report summarizes data currently available on the relationships between land use, transportation and air quality. It also highlights strategies that can help to reduce the use of the private automobile. It also briefly summarizes two ARB-funded research projects. The first project analyzes the travel patterns of residents living in five higher density, mixed use neighborhoods in California, and compares them to travel in more auto-oriented areas. The second study correlates the relationship between travel behavior and community characteristics, such as density, mixed land uses, transit service, and accessibility for pedestrians.

[6] For more information on this model, please refer to ARB's website at http://www.arb.ca.gov/html/soft.htm.
[7] To access this report, please refer to ARB's website or click on: http://www.arb.ca.gov/ch/programs/link97.pdf

LAND USE AND AIR QUALITY AGENCY ROLES IN THE LAND USE PROCESS

A wide variety of federal, state, and local government agencies are responsible for regulatory, planning, and siting decisions that can have an impact on air pollution. They include local land use agencies, regional councils of government, school districts, local air districts, ARB, the California Department of Transportation (Caltrans), and the Governor's Office of Planning and Research (OPR) to name a few. This Section will focus on the roles and responsibilities of local and state agencies. The role of school districts will be discussed in Appendix E.

Local Land Use Agencies

Under the State Constitution, land use agencies have the primary authority to plan and control land use.[1] Each of California's incorporated cities and counties are required to adopt a comprehensive, long-term General Plan.[2]

The General Plan's long-term goals are implemented through zoning ordinances. These are local laws adopted by counties and cities that describe for specific areas the kinds of development that will be allowed within their boundaries.

Land use agencies are also the lead for doing environmental assessments under CEQA for new projects that may pose a significant environmental impact, or for new or revised General Plans.

Local Agency Formation Commissions (LAFCOs)

Operating in each of California's 58 counties, LAFCOs are composed of local elected officials and public members who are responsible for coordinating changes in local governmental boundaries, conducting special studies that review ways to reorganize, simplify, and streamline governmental structures, and preparing a sphere of influence for each city and special district within each county. Each Commission's efforts are directed toward seeing that local government services are provided efficiently and economically while agricultural and open-space lands are protected. LAFCO decisions strive to balance the competing needs in California for efficient services, affordable housing, economic opportunity, and conservation of natural resources.

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[1] The legal basis for planning and land use regulation is the "police power" of the city or county to protect the public's health, safety and welfare. The California Constitution gives cities and counties the power to make and enforce all local police, sanitary and other ordinances and regulations not in conflict with general laws. State law reference: California Constitution, Article XI §7.
[2] OPR General Plan Guidelines, 2003: http://www.opr.ca.gov/planning/PDFs/General_Plan_Guidelines_2003.pdf

Councils of Government (COG)

COGs are organizations composed of local counties and cities that serve as a focus for the development of sound regional planning, including plans for transportation, growth management, hazardous waste management, and air quality. They can also function as the metropolitan planning organization for coordinating the region's transportation programs. COGs also prepare regional housing need allocations for updates of General Plan housing elements.

Local Air Districts

Under state law, air pollution control districts or air quality management districts (local air districts) are the local government agencies responsible for improving air quality and are generally the first point of contact for resolving local air pollution issues or complaints. There are 35 local air districts in California[3] that have authority and primary responsibility for regional clean air planning. Local air districts regulate stationary sources of air pollutants within their jurisdiction including but not limited to industrial and commercial facilities, power plants, construction activities, outdoor burning, and other non-mobile sources of air pollution. Some local air districts also regulate public and private motor vehicle fleet operators such as public bus systems, private shuttle and taxi services, and commercial truck depots.

- **Regional Clean Air Plans**

Local air districts are responsible for the development and adoption of clean air plans that protect the public from the harmful effects of air pollution. These plans incorporate strategies that are necessary to attain ambient air quality standards. Also included in these regional air plans are ARB and local district measures to reduce statewide emissions from mobile sources, consumer products, and industrial sources.

- **Facility-Specific Considerations**

Permitting. In addition to the planning function, local air districts adopt and enforce regulations, issue permits, and evaluate the potential environmental impacts of projects.

Pollution is regulated through permits and technology-based rules that limit emissions from operating units within a facility or set standards that vehicle fleet operators must meet. Permits to construct and permits to operate contain very specific requirements and conditions that tell each regulated source what it must do to limit its air pollution in compliance with local air district rules, regulations, and state law. Prior to receiving a permit, new facilities must go through a New Source Review (NSR) process that establishes air pollution control requirements for the facility. Permit conditions are typically contained in the permit to operate and specify requirements that businesses must follow; these may include limits on the amount of pollution that can be emitted, the

[3] Contact information for local air districts in California is listed in the front of this Handbook.

type of pollution control equipment that must be installed and maintained, and various record-keeping requirements.

Local air districts also notify the public about new permit applications for major new facilities, or major modifications to existing facilities that seek to locate within 1,000 feet of a school.

Local air districts can also regulate other types of sources to reduce emissions. These include regulations to reduce emissions from the following sources:

- hazardous materials in products used by industry such as paints, solvents, and de-greasers;
- agricultural and residential burning;
- leaking gasoline nozzles at service stations;
- public fleet vehicles such as sanitation trucks and school buses; and
- fugitive or uncontrolled dust at construction sites.

However, while emissions from industrial and commercial sources are typically subject to the permit authority of the local air district, sensitive sites such as a day care center, convalescent home, or playground are not ordinarily subject to an air permit. Local air district permits address the air pollutant emissions of a project but not its location.

Under the state's air toxics program, local air districts regulate air toxic emissions by adopting ARB air toxic control measures, or more stringent district-specific requirements, and by requiring individual facilities to perform a health risk assessment if emissions at the source exceed district-specific health risk thresholds[4], [5] (See the section on ARB programs for a more detailed summary of this program).

One approach by which local air districts regulate air toxics emissions is through the "Hot Spots" program.[6] The risk assessments submitted by the facilities under this

[4] Cal/EPA's Office of Environmental Health Hazard Assessment has published "A Guide to Health Risk Assessment" for lay people involved in environmental health issues, including policymakers, businesspeople, members of community groups, and others with an interest in the potential health effects of toxic chemicals. To access this information, please refer to http://www.oehha.ca.gov/pdf/HRSguide2001.pdf

[5] Section 44306 of the California Health & Safety Code defines a health risk assessment as a detailed comprehensive analysis that a polluting facility uses to evaluate and predict the dispersion of hazardous substances in the environment and the potential for exposure of human populations, and to assess and quantify both the individual and population-wide health risks associated with those levels of exposure.

[6] AB-2588 (the Air Toxics "Hot Spots" Information and Assessment Act) requires local air districts to prioritize facilities by high, intermediate, and low priority categories to determine which must perform a health risk assessment. Each district is responsible for establishing the prioritization score threshold at which facilities are required to prepare a health risk assessment. In establishing priorities for each facility, local air districts must consider the potency, toxicity, quantity, and volume of hazardous materials released from the facility, the proximity of the facility to potential receptors, and any other factors that the district determines may indicate that the facility may pose a significant risk. All facilities within the highest category must prepare a health risk assessment. In addition, each district may require facilities in the intermediate and low priority categories to also submit a health risk assessment.

Table D-1
Local Sources of Air Pollution, Responsible Agencies, and Associated Regulatory Programs

Source	Examples	Primary Agency	Applicable Regulations
Large Stationary	Refineries, power plants, chemical facilities, certain manufacturing plants	Local air districts	Operating permit rules Air Toxics "Hot Spots" Law (AB 2588) Local district rules Air Toxic Control Measures (ATCMs)* New Source Review rules Title V permit rules
Small Stationary	Dry cleaners, auto body shops, welders, chrome plating facilities, service stations, certain manufacturing plants	Local air districts	Operating permit conditions, Air Toxics "Hot Spots" Law (AB 2588) Local district rules ATCMs* New Source Review rules
Mobile (non-fleet)	Cars, trucks, buses	ARB	Emission standards Cleaner-burning fuels (e.g., unleaded gasoline, low-sulfur diesel) Inspection and repair programs (e.g., Smog Check)
Mobile Equipment	Construction equipment	ARB, U.S. EPA	ARB rules U.S. EPA rules
Mobile (fleet)	Truck depots, school buses, taxi services	Local air districts, ARB	Local air district rules ARB urban bus fleet rule
Areawide	Paints and consumer products such as hair spray and spray paint	Local air district, ARB	ARB rules Local air district rules

*ARB adopts ATCMs, but local air districts have the responsibility to implement and enforce these measures or more stringent ones.

program are reviewed by OEHHA and approved by the local air district. Risk assessments are available by contacting the local air district.

Enforcement. Local air districts also take enforcement action to ensure compliance with air quality requirements. They enforce air toxic control measures, agricultural and residential burning programs, gasoline vapor control regulations, laws that prohibit air pollution nuisances, visible emission limits, and many other requirements designed to

clean the air. Local districts use a variety of enforcement tools to ensure compliance. These include notices of violation, monetary penalties, and abatement orders. Under some circumstances, a permit may be revoked.

- **Environmental Review**

As required by the California Environmental Quality Act (CEQA), local air districts also review and comment on proposed land use plans and development projects that can have a significant effect on the environment or public health.[7]

California Air Resources Board

The ARB is the air pollution control agency at the state level that is responsible for the preparation of air plans required by state and federal law. In this regard, it coordinates the activities of all local air districts to ensure all statutory requirements are met and to reduce air pollution emissions for sources under its jurisdiction.

Motor vehicles are the single largest emissions source category under ARB's jurisdiction as well as the largest overall emissions source statewide. ARB also regulates emissions from other mobile equipment and engines as well as emissions from consumer products such as hair sprays, perfumes, cleaners, and aerosol paints.

Air Toxics Program

Under state law, the ARB has a critical role to play in the identification, prioritization, and control of air toxic emissions. The ARB statewide comprehensive air toxics program was established in the early 1980's. The Toxic Air Contaminant Identification and Control Act of 1983 (AB 1807, Tanner 1983) created California's program to reduce exposure to air toxics.[8] The Air Toxics "Hot Spots" Information and Assessment Act (Hot Spots program) supplements the AB 1807 program, by requiring a statewide air toxics inventory, notification of people exposed to a significant health risk, and facility plans to reduce these risks.

Under AB 1807, the ARB is required to use certain criteria to prioritize the identification and control of air toxics. In selecting substances for review, the ARB must consider criteria relating to emissions, exposure, and health risk, as well as persistence in the atmosphere, and ambient concentrations in the community. AB 1807 also requires the ARB to use available information gathered from the Hot Spots program when prioritizing compounds.

The ARB identifies pollutants as toxic air contaminants and adopts statewide air toxic control measures (ATCMs). Once ARB adopts an ATCM, local air districts must

[7] Section 4 of this Handbook contains more information on the CEQA process.
[8] For a general background on California's air toxics program, the reader should refer to ARB's website at http://www.arb.ca.gov/toxics/tac/appendxb.htm.

implement the measure, or adopt and implement district-specific measures that are at least as stringent as the state standard. Taken in the aggregate, these ARB programs will continue to further reduce emissions, exposure, and health risk statewide.

With regard to the land use decision-making process, ARB, in conjunction with local air districts, plays an advisory role by providing technical information on land use-related air issues.

Other Agencies

Governor's Office of Planning and Research (OPR)

In addition to serving as the Governor's advisor on land use planning, research, and liaison with local government, OPR develops and implements the state's policy on land use planning and coordinates the state's environmental justice programs. OPR updated its General Plan Guidelines in 2003 to highlight the importance of sustainable development and environmental justice policies in the planning process. OPR also advises project proponents and government agencies on CEQA provisions and operates the State Clearinghouse for environmental and federal grant documents.

California Department of Housing and Community Development

The Department of Housing and Community Development (HCD) administers a variety of state laws, programs and policies to preserve and expand housing opportunities, including the development of affordable housing. All local jurisdictions must update their housing elements according to a staggered statutory schedule, and are subject to certification by HCD. In their housing elements, cities and counties are required to include a land inventory which identifies and zones sites for future residential development to accommodate a mix of housing types, and to remove barriers to the development of housing.

An objective of state housing element law is to increase the overall supply and affordability of housing. Other fundamental goals include conserving existing affordable housing, improving the condition of the existing housing stock, removing regulatory barriers to housing production, expanding equal housing opportunities, and addressing the special housing needs of the state's most vulnerable residents (frail elderly, disabled, large families with children, farmworkers, and the homeless).

Transportation Agencies

Transportation agencies can also influence mobile source-related emissions in the land use decision-making process. Local transportation agencies work with land use agencies to develop a transportation (circulation) element for the General Plan. These local government agencies then work with other transportation-related agencies, such as the Congestion Management Agency (CMA), Metropolitan Planning Organization

(MPO), Regional Transportation Planning Agency (RTPA), and Caltrans to develop long and short range transportation plans and projects.

Caltrans is the agency responsible for setting state transportation goals and for state transportation planning, design, construction, operations and maintenance activities. Caltrans is also responsible for delivering California's multibillion-dollar state Transportation Improvement Program, a list of transportation projects that are approved for funding by the California Transportation Commission in a 4-year cycle.

When safety hazards or traffic circulation problems are identified in the existing road system, or when land use changes are proposed such as a new residential subdivision, shopping mall or manufacturing center, Caltrans and/or the local transportation agency ensure the projects meet applicable state, regional, and local goals and objectives.

Caltrans also evaluates transportation-related projects for regional air quality impacts, from the perspective of travel-related emissions as well as road congestion and increases in road capacity (new lanes).

California Energy Commission (CEC)

The CEC is the state's CEQA lead agency for permitting large thermal power plants (50 megawatts or greater). The CEC works closely with local air districts and other federal, state and local agencies to ensure compliance with applicable laws, ordinances, regulations and standards in the permitting, construction, operation and closure of such plants. The CEC uses an open and public review process that provides communities with outreach and multiple opportunities to participate and be heard. In addition to its comprehensive environmental impact and engineering design assessment process, the CEC also conducts an environmental justice evaluation. This evaluation involves an initial demographic screening to determine if a qualifying minority or low-income population exists in the vicinity of the proposed project. If such a population is present, staff considers possible environmental justice impacts including from associated project emissions in its technical assessments.[9]

Department of Pesticides Regulation (DPR)

Pesticides are industrial chemicals produced specifically for their toxicity to a target pest. They must be released into the environment to do their job. Therefore, regulation of pesticides focuses on using toxicity and other information to ensure that when pesticides are used according to their label directions, potential for harm to people and the environment is minimized. DPR imposes strict controls on use, beginning before pesticide products can be sold in California, with an extensive scientific program to ensure they can be used safely. DPR and county enforcement staff tracks the use of pesticides to ensure that pesticides are used properly. DPR collects periodic

[9] See California Energy Commission, "Environmental Performance Report," July 2001 at http://www.energy.ca.gov/reports/2001-11-20_700-01-001.PDF

measurements of any remaining amounts of pesticides in water, air, and on fresh produce. If unsafe levels are found, DPR requires changes in how pesticides are used, to reduce the possibility of harm. If this cannot be done - that is, if a pesticide cannot be used safely - use of the pesticide will be banned in California.[10]

Federal Agencies

Federal agencies have permit authority over activities on federal lands and certain resources, which have been the subject of congressional legislation, such as air, water quality, wildlife, and navigable waters. The U.S. Environmental Protection Agency generally oversees implementation of the federal Clean Air Act, and has broad authority for regulating certain activities such as mobile sources, air toxics sources, the disposal of toxic wastes, and the use of pesticides. The responsibility for implementing some federal regulatory programs such as those for air and water quality and toxics is delegated by management to specific state and local agencies. Although federal agencies are not subject to CEQA they must follow their own environmental process established under the National Environmental Policy Act (NEPA).

[10] For more information, the reader is encouraged to visit the Department of Pesticide Regulation web site at www.cdpr.ca.gov/docs/empm/pubs/tacmenu.htm.

SPECIAL PROCESSES THAT APPLY TO SCHOOL SITING

The California Education Code and the California Public Resources Code place primary authority for siting public schools with the local school district, which is the 'lead agency' for purposes of CEQA. The California Education Code requires public school districts to notify the local planning agency about siting a new public school or expanding an existing school. The planning agency then reports back to the school district regarding a project's conformity with the adopted General Plan. However, school districts can overrule local zoning and land use designations for schools if they follow specified procedures. In addition, all school districts must evaluate new school sites using site selection standards established in Section 14010 of Title 5 of the California Code of Regulations. Districts seeking state funding for school site acquisition must also obtain site approval from the California Department of Education.

Before making a final decision on a school site acquisition, a school district must comply with CEQA and evaluate the proposed site acquisition/new school project for air emissions and health risks by preparing and certifying an environmental impact report or negative declaration. Both the California Education Code section 17213 and the California Public Resources Code section 21151.8 require school districts to consult with administering agencies and local air districts when preparing the environmental assessment. Such consultation is required to identify both permitted and non-permitted "facilities" that might significantly affect health at the new site. These facilities include, but are not limited to, freeways and other busy traffic corridors, large agricultural operations, and rail yards that are within one-quarter mile of the proposed school site, and that might emit hazardous air emissions, or handle hazardous or acutely hazardous materials, substances, or waste.

As part of the CEQA process and before approving a school site, the school district must make a finding that either it found none of the facilities or significant air pollution sources, or alternatively, if the school district finds that there are such facilities or sources, it must determine either that they pose no significant health risks, or that corrective actions by another governmental entity would be taken so that there would be no actual or potential endangerment to students or school workers.

In addition, if the proposed school site boundary is within 500 feet of the edge of the closest traffic lane of a freeway or traffic corridor that has specified minimum average daily traffic counts, the school district is required to determine through specified risk assessment and air dispersion modeling that neither short-term nor long term exposure poses significant heath risks to pupils.

State law changes effective January 1, 2004 (SB352, Escutia 2003, amending Education Code section 17213 and Public Resources Code section 21151.8) also provides for cases in which the school district cannot make either of those two findings and cannot find a suitable alternative site. When this occurs, the school district must adopt a statement of over-riding considerations, as part of an environmental impact

report, that the project should be approved based on the ultimate balancing of the merits.

Some school districts use a standardized assessment process to determine the environmental impacts of a proposed school site. In the assessment process, school districts can use maps and other available information to evaluate risk, including a local air district's database of permitted source emissions. School districts can also perform field surveys and record searches to identify and calculate emissions from non-permitted sources within one-quarter mile radius of a proposed site. Traffic count data and vehicular emissions data can also be obtained from Caltrans for major roadways and freeways in proximity to the proposed site to model potential emissions impacts to students and school employees. This information is available from the local COG, Caltrans, or local cities and counties for non-state maintained roads.

GENERAL PROCESSES USED BY LAND USE AGENCIES TO ADDRESS AIR POLLUTION IMPACTS

There are several separate but related processes for addressing the air pollution impacts of land use projects. One takes place as part of the planning and zoning function. This consists of preparing and implementing goals and policies contained in county or city General Plans, community or area plans, and specific plans governing land uses such as residential, educational, commercial, industrial, and recreational activities. It also includes recommending locations for thoroughfares, parks and other public improvements.

Land use agencies also have a permitting function that includes performing environmental reviews and mitigation when projects may pose a significant environmental impact. They conduct inspections for zoning permits issued, enforce the zoning regulations and issue violations as necessary, issue zoning certificates of compliance, and check compliance when approving certificates of occupancy.

Planning

- **General Plan**[1]

The General Plan is a local government "blueprint" of existing and future anticipated land uses for long-term future development. It is composed of the goals, policies, and general elements upon which land use decisions are based. Because the General Plan is the foundation for all local planning and development, it is an important tool for implementing policies and programs beneficial to air quality. Local governments may choose to adopt a separate air quality element into their General Plan or to integrate air quality-beneficial objectives, policies, and strategies in other elements of the Plan, such as the land use, circulation, conservation, and community design elements.

More information on General Plan elements is contained in Appendix D.

- **Community Plans**

Community or area plans are terms for plans that focus on a particular region or community within the overall general plan area. It refines the policies of the general plan as they apply to a smaller geographic area and is implemented by ordinances and other discretionary actions, such as zoning.

[1] In October 2003, OPR revised its General Plan Guidelines. An entire chapter is now devoted to a discussion of how sustainable development and environmental justice goals can be incorporated into the land use planning process. For further information, the reader is encouraged to obtain a copy of OPR's General Plan Guidelines, or refer to their website at: http://www.opr.ca.gov/planning/PDFs/General_Plan_Guidelines_2003.pdf

- **Specific Plan**

A specific plan is a hybrid that can combine policies with development regulations or zoning requirements. It is often used to address the development requirements for a single project such as urban infill or a planned community. As a result, its emphasis is on concrete standards and development criteria.

- **Zoning**

Zoning is the public regulation of the use of land. It involves the adoption of ordinances that divide a community into various districts or zones. For instance, zoning ordinances designate what projects and activities can be sited in particular locations. Each zone designates allowable uses of land within that zone, such as residential, commercial, or industrial. Zoning ordinances can address building development standards, e.g., minimum lot size, maximum building height, minimum building setback, parking, signage, density, and other allowable uses.

Land Use Permitting

In addition to the planning and zoning function, land use agencies issue building and business permits, and evaluate the potential environmental impacts of projects. To be approved, projects must be located in a designated zone and comply with applicable ordinances and zoning requirements.

Even if a project is sited properly in a designated zone, a land use agency may require a new source to mitigate potential localized environmental impacts to the surrounding community below what would be required by the local air district. In this case, the land use agency could condition the permit by limiting or prescribing allowable uses including operating hour restrictions, building standards and codes, property setbacks between the business property and the street or other structures, vehicle idling restrictions, or traffic diversion.

Land use agencies also evaluate the environmental impacts of proposed land use projects or activities. If a project or activity falls under CEQA, the land use agency requires an environmental review before issuing a permit to determine if there is the potential for a significant impact, and if so, to mitigate the impact or possibly deny the project.

- **Land Use Permitting Process**

In California, the authority to regulate land use is delegated to city and county governments. The local land use planning agency is the local government administrative body that typically provides information and coordinates the review of development project applications. Conditional Use Permits (CUP) typically fall within a land use agency's discretionary authority and therefore are subject to CEQA. CUPs are

intended to provide an opportunity to review the location, design, and manner of development of land uses prior to project approval. A traditional purpose of the CUP is to enable a municipality to control certain uses that could have detrimental environmental effects on the community.

The process for permitting new discretionary projects is quite elaborate, but can be broken down into five fundamental components:

- Project application
- Environmental assessment
- Consultation
- Public comment
- Public hearing and decision

Project Application

The permit process begins when the land use agency receives a project application, with a detailed project description, and support documentation. During this phase, the agency reviews the submitted application for completeness. When the agency deems the application to be complete, the permit process moves into the environmental review phase.

Environmental Assessment

If the project is discretionary and the application is accepted as complete, the project proposal or activity must undergo an environmental clearance process under CEQA and the CEQA Guidelines adopted by the California Resources Agency.[2] The purpose of the CEQA process is to inform decision-makers and the public of the potential significant environmental impacts of a project or activity, to identify measures to minimize or eliminate those impacts to the point they are no longer significant, and to discuss alternatives that will accomplish the project goals and objectives in a less environmentally harmful manner.

What is a "Lead Agency"?

A lead agency is the public agency that has the principal responsibility for carrying out or approving a project that is subject to CEQA. In general, the land use agency is the preferred public agency serving as lead agency because it has jurisdiction over general land uses. The lead agency is responsible for determining the appropriate environmental document, as well as its preparation.

What is a "Responsible Agency"?

A responsible agency is a public agency with discretionary approval authority over a portion of a CEQA project (e.g., projects requiring a permit). As a responsible agency, the agency is available to the lead agency and project proponent for early consultation on a project to apprise them of applicable rules and regulations, potential adverse impacts, alternatives, and mitigation measures, and provide guidance as needed on applicable methodologies or other related issues.

What is a "Commenting Agency"?

A commenting agency is any public agency that comments on a CEQA document, but is neither a lead agency nor a responsible agency. For example, a local air district, as the agency with the responsibility for comprehensive air pollution control, could review and comment on an air quality analysis in a CEQA document for a proposed distribution center, even though the project was not subject to a permit or other pollution control requirements.

[2] Projects and activities that may have a significant adverse impact on the environment are evaluated under CEQA Guidelines set forth in title 14 of the California Code of Regulations, sections 15000 et seq.

To assist the lead agency in determining whether the project or activity may have a significant effect that would require the preparation of an EIR, the land use agency may consider criteria, or thresholds of significance, to assess the potential impacts of the project, including its air quality impacts. The land use agency must consider any credible evidence in addition to the thresholds, however, in determining whether the project or activity may have a significant effect that would trigger the preparation of an EIR.

The screening criteria to determine significance is based on a variety of factors, including local, state, and federal regulations, administrative practices of other public agencies, and commonly accepted professional standards. However, the final determination of significance for individual projects is the responsibility of the lead agency. In the case of land use projects, the lead agency would be the City Council or County Board of Supervisors.

A new land use plan or project can also trigger an environmental assessment under CEQA if, among other things, it will expose sensitive sites such as schools, day care centers, hospitals, retirement homes, convalescence facilities, and residences to substantial pollutant concentrations.[3]

CEQA only applies to "discretionary projects." Discretionary means the public agency must exercise judgment and deliberation when deciding to approve or disapprove a particular project or activity, and may append specific conditions to its approval. Examples of discretionary projects include the issuance of a CUP, re-zoning a property, or widening of a public road. Projects that are not subject to the exercise of agency discretion, and can therefore be approved administratively through the application of set standards are referred to as ministerial projects. CEQA does not apply to ministerial projects.[4] Examples of typical ministerial projects include the issuance of most building permits or a business license.

Once a potential environmental impact associated with a project is identified through an environmental assessment, mitigation must be considered. A land use agency should incorporate mitigation measures that are suggested by the local air district as part of the project review process.

Consultation

Application materials are provided to various departments and agencies that may have an interest in the project (e.g., air pollution, building, police, fire, water agency, Fish and Game, etc.) for consultation and input.

[3] Readers interested in learning more about CEQA should contact OPR or visit their website at http://www.opr.ca.gov/.
[4] See California Public Resources Code section 21080(b)(1).

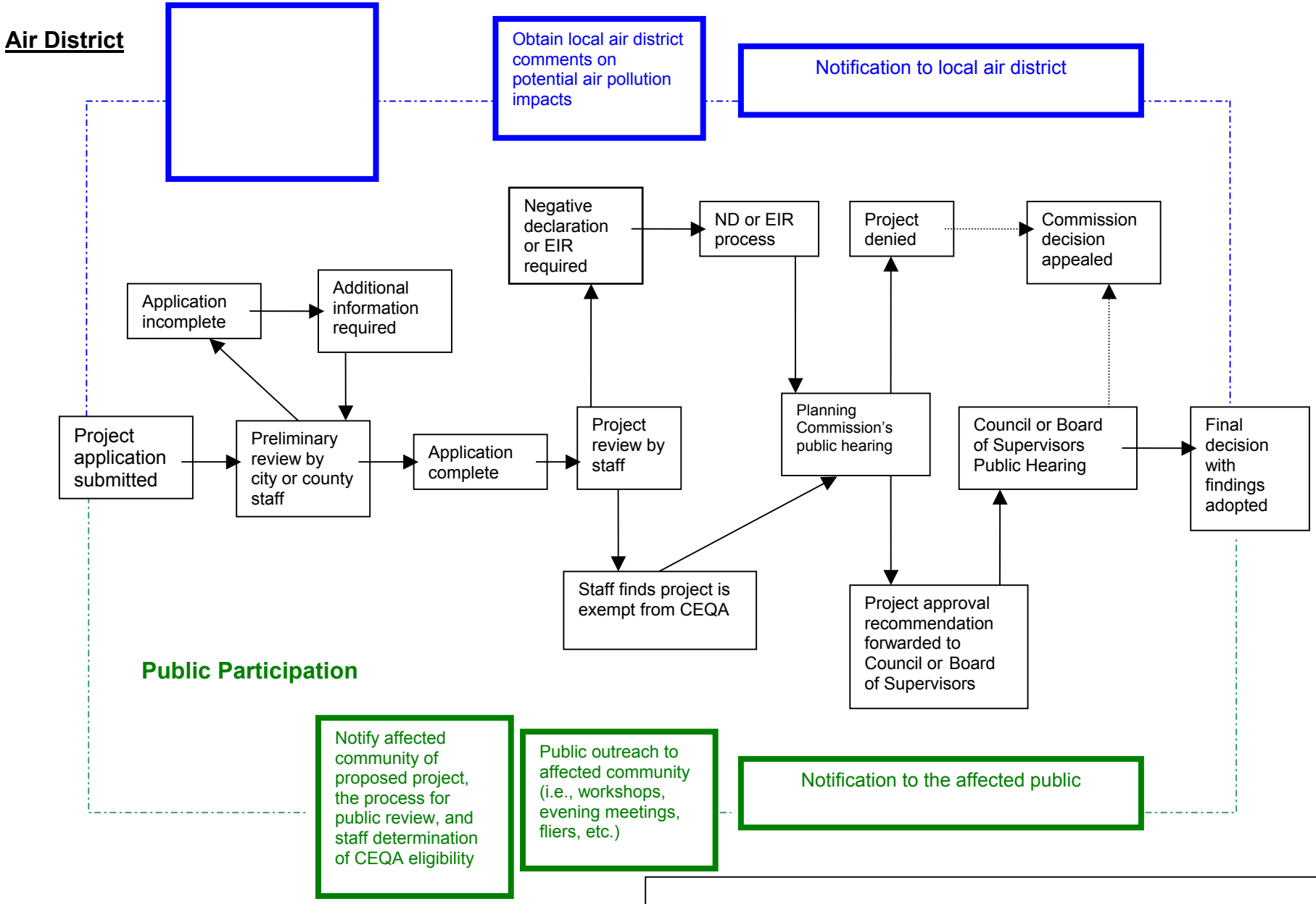
Public Comment

Following the environmental review process, the Planning Commission reviews application along with the staff's report on the project assessment and a public comment period is set and input is solicited.

Public Hearing and Decision

Permit rules vary depending on the particular permit authority in question, but the process generally involves comparing the proposed project with the land use agency standards or policies. The procedure usually leads to a public hearing, which is followed by a written decision by the agency or its designated officer. Typically, a project is approved, denied, or approved subject to specified conditions.

USE PERMIT (DISCRETIONARY ACTION) REVIEW PROCESS*



illustrative purposes only. In reality, the land use siting process involves the ongoing participation of multiple affected agencies and stakeholders throughout the process.

GLOSSARY OF KEY AIR POLLUTION TERMS

Air Pollution Control Board or Air Quality Management Board: Serves as the governing board for local air districts. It consists of appointed or elected members from the public or private sector. It conducts public hearings to adopt local air pollution regulations.

Air Pollution Control Districts or Air Quality Management Districts (local air district): A county or regional agency with authority to regulate stationary and area sources of air pollution within a given county or region. Governed by a district air pollution control board.

Air Pollution Control Officer (APCO): Head of a local air pollution control or air quality management district.

Air Toxic Control Measures (ATCM): A control measure adopted by the ARB (Health and Safety Code section 39666 et seq.), which reduces emissions of toxic air contaminants.

Ambient Air Quality Standards: An air quality standard defines the maximum amount of a pollutant that can be present in the outdoor air during a specific time period without harming the public's health. Only U.S. EPA and the ARB may establish air quality standards. No other state has this authority. Air quality standards are a measure of clean air. More specifically, an air quality standard establishes the concentration at which a pollutant is known to cause adverse health effects to sensitive groups within the population, such as children and the elderly. Federal standards are referred to as National Ambient Air Quality Standards (NAAQS); state standards are referred to as California ambient air quality standards (CAAQS).

Area-wide Sources: Sources of air pollution that individually emit small amounts of pollution, but together add up to significant quantities of pollution. Examples include consumer products, fireplaces, road dust, and farming operations.

Attainment vs. Nonattainment Area: An attainment area is a geographic area that meets the National Ambient Air Quality Standards for the criteria pollutants and a non-attainment area is a geographic area that doesn't meet the NAAQS for criteria pollutants.

Attainment Plan: Attainment plans lay out measures and strategies to attain one or more air quality standards by a specified date.

California Clean Air Act (CCAA): A California law passed in 1988, which provides the basis for air quality planning and regulation independent of federal regulations. A major element of the Act is the requirement that local air districts in violation of the CAAQS

must prepare attainment plans which identify air quality problems, causes, trends, and actions to be taken to attain and maintain California's air quality standards by the earliest practicable date.

California Environmental Quality Act (CEQA): A California law that sets forth a process for public agencies to make informed decisions on discretionary project approvals. The process helps decision-makers determine whether any potential, significant, adverse environmental impacts are associated with a proposed project and to identify alternatives and mitigation measures that will eliminate or reduce such adverse impacts.[1]

California Health and Safety Code: A compilation of California laws, including state air pollution laws, enacted by the Legislature to protect the health and safety of people in California. Government agencies adopt regulations to implement specific provisions of the California Health and Safety Code.

Clean Air Act (CAA): The federal Clean Air Act was adopted by the United States Congress and sets forth standards, procedures, and requirements to be implemented by the U.S. Environmental Protection Agency (U.S. EPA) to protect air quality in the United States.

Councils of Government (COGs): There are 25 COGs in California made up of city and county elected officials. COGs are regional agencies concerned primarily with transportation planning and housing; they do not directly regulate land use.

Criteria Air Pollutant: An air pollutant for which acceptable levels of exposure can be determined and for which an ambient air quality standard has been set. Examples include ozone, carbon monoxide, nitrogen dioxide, sulfur dioxide, and PM10 and PM2.5. The term "criteria air pollutants" derives from the requirement that the U.S. EPA and ARB must describe the characteristics and potential health and welfare effects of these pollutants. The U.S. EPA and ARB periodically review new scientific data and may propose revisions to the standards as a result.

District Hearing Board: Hears local air district permit appeals and issues variances and abatement orders. The local air district board appoints the members of the hearing board.

Emission Inventory: An estimate of the amount of pollutants emitted into the atmosphere from mobile, stationary, area-wide, and natural source categories over a specific period of time such as a day or a year.

Environmental Impact Report (EIR): The public document used by a governmental agency to analyze the significant environmental effects of a proposed project, to identify

[1] To track the submittal of CEQA documents to the State Clearinghouse within the Office of Planning and Research, the reader can refer to CEQAnet at http://www.ceqanet.ca.gov.

alternatives, and to disclose possible ways to reduce or avoid the possible negative environmental impacts.

Environmental Justice: California law defines environmental justice as the fair treatment of people of people of all races, cultures, and incomes with respect to the development, adoption, implementation, and enforcement of environmental laws, regulations, and policies (California Government Code sec.65040.12(c)).

General Plans: A statement of policies developed by local governments, including text and diagrams setting forth objectives, principles, standards, and plan proposals for the future physical development of the city or county.

Hazardous Air Pollutants (HAPs): An air pollutant listed under section 112 (b) of the federal Clean Air Act as particularly hazardous to health. U.S. EPA identifies emission sources of hazardous air pollutants, and emission standards are set accordingly. In California, HAPs are referred to as toxic air contaminants.

Land Use Agency: Local government agency that performs functions associated with the review, approval, and enforcement of general plans and plan elements, zoning, and land use permitting. For purposes of this Handbook, a land use agency is typically a local planning department.

Mobile Source: Sources of air pollution such as automobiles, motorcycles, trucks, off-road vehicles, boats, and airplanes.

National Ambient Air Quality Standard (NAAQS): A limit on the level of an outdoor air pollutant established by the US EPA pursuant to the Clean Air Act. There are two types of NAAQS. Primary standards set limits to protect public health and secondary standards set limits to protect public welfare.

Negative Declaration (ND): When the lead agency (the agency responsible for preparing the EIR or ND) under CEQA, finds that there is no substantial evidence that a project may have a significant environmental effect, the agency will prepare a "negative declaration" instead of an EIR.

New Source Review (NSR): A federal Clean Air Act requirement that state implementation plans must include a permit review process, which applies to the construction and operation of new or modified stationary sources in nonattainment areas. Two major elements of NSR to reduce emissions are best available control technology requirements and emission offsets.

Office of Planning and Research (OPR): OPR is part of the Governor's office. OPR has a variety of functions related to local land-use planning and environmental programs. It provides General Plan Guidelines for city and county planners, and coordinates the state clearinghouse for Environmental Impact Reports.

Ordinance: A law adopted by a City Council or County Board of Supervisors. Ordinances usually amend, repeal or supplement the municipal code; provide zoning specifications; or appropriate money for specific purposes.

Overriding Considerations: A ruling made by the lead agency in the CEQA process when the lead agency finds the importance of the project to the community outweighs potential adverse environmental impacts.

Public Comment: An opportunity for the general public to comment on regulations and other proposals made by government agencies. You can submit written or oral comments at the public meeting or send your written comments to the agency.

Public Hearing: A public hearing is an opportunity to testify on a proposed action by a governing board at a public meeting. The public and the media are welcome to attend the hearing and listen to, or participate in, the proceedings.

Public Notice: A public notice identifies the person, business, or local government seeking approval of a specific course of action (such as a regulation). It describes the activity for which approval is being sought, and describes the location where the proposed activity or public meeting will take place.

Public Nuisance: A public nuisance, for the purposes of air pollution regulations, is defined as a discharge from any source whatsoever of such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health, or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property. (Health and Safety Code section 41700).

Property Setback: In zoning parlance, a setback is the minimum amount of space required between a lot line and a building line.

Risk: For cancer health effects, risk is expressed as an estimate of the increased chances of getting cancer due to facility emissions over a 70-year lifetime. This increase in risk is expressed as chances in a million (e.g.,10 chances in a million).

Sensitive Individuals: Refers to those segments of the population most susceptible to poor air quality (i.e., children, the elderly, and those with pre-existing serious health problems affected by air quality).

Sensitive Sites or Sensitive Land Uses: Land uses where sensitive individuals are most likely to spend time, including schools and schoolyards, parks and playgrounds, day care centers, nursing homes, hospitals, and residential communities.

Setback: An area of land separating one parcel of land from another that acts to soften or mitigate the effects of one land use on the other.

State Implementation Plan (SIP): A plan prepared by state and local agencies and submitted to U.S. EPA describing how each area will attain and maintain national ambient air quality standards. SIPs include the technical information about emission inventories, air quality monitoring, control measures and strategies, and enforcement mechanisms. A SIP is composed of local air quality management plans and state air quality regulations.

Stationary Sources: Non-mobile sources such as power plants, refineries, and manufacturing facilities.

Toxic Air Contaminant (TAC): An air pollutant, identified in regulation by the ARB, which may cause or contribute to an increase in deaths or in serious illness, or which may pose a present or potential hazard to human health. TACs are considered under a different regulatory process (California Health and Safety Code section 39650 et seq.) than pollutants subject to State Ambient Air Quality Standards. Health effects associated with TACs may occur at extremely low levels. It is often difficult to identify safe levels of exposure, which produce no adverse health effects.

Urban Background: The term is used in this Handbook to represent the ubiquitous, elevated, regional air pollution levels observed in large urban areas in California.

Zoning ordinances: City councils and county boards of supervisors adopts zoning ordinances that set forth land use classifications, divides the county or city into land use zones as delineated on the official zoning, maps, and set enforceable standards for future develop

APPENDIX O

Health Risk Assessment Data

Dudek, 2023

Dorsey Marketplace Roadway HRA - Total ADT

Land Use Compatibility Health Risk Assessment - SR-20 TACs

Operational Health Risk - Roadway Emission Inventory

Vehicle Class	Fuel Type	Existing (2022) Vehicle Volume[1]	Modeled Distance (meter)[2]	Modeled Distance (miles)	Daily VMT	DPM (PM2.5 - Exhaust as Surrogate)					PM2.5 - Total					TOG - Tailpipe					TOG - Evaporative				
						EF (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF Running (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF RunLoss (g/mi)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)
SR-20 Eastbound																									
Non-Trucks	DSL	172	1,884	1.17	201	2.28E-02	4.59E+00	1.28E-04	**1.12**	**0.00**	3.38E-02	6.79	1.90E-04	**1.66**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Trucks	DSL	1,281	1,884	1.17	1,500	4.45E-02	6.68E+01	1.86E-03	**16.34**	**0.01**	7.40E-02	110.96	3.10E-03	**27.14**	**0.01**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Non-Trucks	GAS	13,375	1,884	1.17	15,661	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	6.53E-03	102.33	2.86E-03	**25.03**	**0.01**	3.58E-02	5.61E+02	5.15E-02	**451.25**	**0.23**	4.12E-02	6.45E+02	5.92E-02	**518.93**	**0.26**
Trucks	GAS	479	1,884	1.17	561	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	3.13E-02	17.55	4.90E-04	**4.29**	**0.00**	1.17E-01	6.55E+01	6.02E-03	**52.71**	**0.03**	1.73E-01	9.69E+01	8.90E-03	**78.00**	**0.04**
								Trucks Only	1.86E-03	**16.34**	**0.01**	--	--	3.59E-03	**31.44**	**0.02**	--	--	6.02E-03	**52.71**	**0.03**	--	--	8.90E-03	**78.00**	**0.04**
								Non-Trucks Only	1.28E-04	**1.12**	**0.00**	--	--	3.05E-03	**26.69**	**0.01**	--	--	5.15E-02	**451.25**	**0.23**	--	--	5.92E-02	**518.93**	**0.26**
								Total	1.99E-03	**17.46**	**0.01**	--	--	6.64E-03	**58.13**	**0.03**	--	--	5.75E-02	**503.95**	**0.25**	--	--	6.81E-02	**596.93**	**0.30**
SR-20 Westbound																									
Non-Trucks	DSL	175	1,884	1.17	205	2.28E-02	4.68E+00	1.31E-04	**1.15**	**0.00**	3.38E-02	6.93	1.94E-04	**1.70**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Trucks	DSL	1,308	1,884	1.17	1,531	4.45E-02	6.82E+01	1.90E-03	**16.67**	**0.01**	7.40E-02	113.24	3.16E-03	**27.70**	**0.01**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Non-Trucks	GAS	13,650	1,884	1.17	15,982	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	6.53E-03	104.43	2.92E-03	**25.55**	**0.01**	3.58E-02	5.72E+02	5.26E-02	**460.52**	**0.23**	4.12E-02	6.58E+02	6.05E-02	**529.59**	**0.26**
Trucks	GAS	489	1,884	1.17	572	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	3.13E-02	17.91	5.00E-04	**4.38**	**0.00**	1.17E-01	6.68E+01	6.14E-03	**53.79**	**0.03**	1.73E-01	9.89E+01	9.09E-03	**79.60**	**0.04**
								Trucks Only	1.90E-03	**16.67**	**0.01**	--	--	3.66E-03	**32.08**	**0.02**	--	--	6.14E-03	**53.79**	**0.03**	--	--	9.09E-03	**79.60**	**0.04**
								Non-Trucks Only	1.31E-04	**1.15**	**0.00**	--	--	3.11E-03	**27.24**	**0.01**	--	--	5.26E-02	**460.52**	**0.23**	--	--	6.05E-02	**529.59**	**0.26**
								Total	2.03E-03	**17.82**	**0.01**	--	--	6.77E-03	**59.32**	**0.03**	--	--	5.87E-02	**514.30**	**0.26**	--	--	6.95E-02	**609.19**	**0.30**

1. Estimated based on the EMFAC2021 emission rates and Caltrans data
2. Based on the modeled link length used in the AERMOD model.

TOG Due to Tailpipe Emissions - SR-20 Eastbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.68E-05	1.48E-01	1.44E-04	1.26E+00
Acrolein	0.13%	7.82E-06	6.85E-02	6.70E-05	5.87E-01
Benzene	2.47%	1.49E-04	1.30E+00	1.27E-03	1.11E+01
1,3-Butadiene	0.55%	3.31E-05	2.90E-01	2.83E-04	2.48E+00
Ethylbenzene	1.05%	6.32E-05	5.53E-01	5.41E-04	4.74E+00
Formaldehyde	1.58%	9.51E-05	8.33E-01	8.14E-04	7.13E+00
Hexane	1.60%	9.63E-05	8.43E-01	8.24E-04	7.22E+00
Methanol	0.12%	7.22E-06	6.32E-02	6.18E-05	5.41E-01
Methyl Ethyl Ketone	0.02%	1.20E-06	1.05E-02	1.03E-05	9.02E-02
Naphthalene	0.05%	3.01E-06	2.64E-02	2.58E-05	2.26E-01
Propylene	3.06%	1.84E-04	1.61E+00	1.58E-03	1.38E+01
Styrene	0.12%	7.22E-06	6.32E-02	6.18E-05	5.41E-01
Toluene	5.76%	3.47E-04	3.04E+00	2.97E-03	2.60E+01
Xylenes	4.80%	2.89E-04	2.53E+00	2.47E-03	2.17E+01

TOG Due to Evaporative Losses -SR-20 Eastbound

Toxic Compound	EMFAC Gasoline TOG Speciation[1]	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Benzene	0.36%	3.21E-05	2.81E-01	2.13E-04	1.87E+00
Ethylbenzene	0.12%	1.07E-05	9.36E-02	7.11E-05	6.23E-01
Hexane	1.54%	1.37E-04	1.20E+00	9.12E-04	7.99E+00
Toluene	1.70%	1.51E-04	1.33E+00	1.01E-03	8.82E+00
Xylenes	0.58%	5.16E-05	4.52E-01	3.44E-04	3.01E+00

Total TOG TACs - SR-20 Eastbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.68E-05	1.48E-01	1.44E-04	1.26E+00
Acrolein	0.13%	7.82E-06	6.85E-02	6.70E-05	5.87E-01
Benzene	2.47%	1.81E-04	1.58E+00	1.49E-03	1.30E+01
1,3-Butadiene	0.55%	3.31E-05	2.90E-01	2.83E-04	2.48E+00
Ethylbenzene	1.05%	7.39E-05	6.47E-01	6.12E-04	5.36E+00
Formaldehyde	1.58%	9.51E-05	8.33E-01	8.14E-04	7.13E+00
Hexane	1.60%	2.33E-04	2.04E+00	1.74E-03	1.52E+01
Methanol	0.12%	7.22E-06	6.32E-02	6.18E-05	5.41E-01
Methyl Ethyl Ketone	0.02%	1.20E-06	1.05E-02	1.03E-05	9.02E-02
Naphthalene	0.05%	3.01E-06	2.64E-02	2.58E-05	2.26E-01
Propylene	3.06%	1.84E-04	1.61E+00	1.58E-03	1.38E+01
Styrene	0.12%	7.22E-06	6.32E-02	6.18E-05	5.41E-01
Toluene	5.76%	4.98E-04	4.36E+00	3.97E-03	3.48E+01
Xylenes	4.80%	3.40E-04	2.98E+00	2.82E-03	2.47E+01

TOG Due to Tailpipe Emissions - SR-20 Westbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK2		NONTRCK2	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.72E-05	1.51E-01	1.47E-04	1.29E+00
Acrolein	0.13%	7.98E-06	6.99E-02	6.83E-05	5.99E-01
Benzene	2.47%	1.52E-04	1.33E+00	1.30E-03	1.14E+01

1,3-Butadiene	0.55%	3.38E-05	2.96E-01	2.89E-04	2.53E+00
Ethylbenzene	1.05%	6.45E-05	5.65E-01	5.52E-04	4.84E+00
Formaldehyde	1.58%	9.70E-05	8.50E-01	8.31E-04	7.28E+00
Hexane	1.60%	9.82E-05	8.61E-01	8.41E-04	7.37E+00
Methanol	0.12%	7.37E-06	6.45E-02	6.31E-05	5.53E-01
Methyl Ethyl Ketone	0.02%	1.23E-06	1.08E-02	1.05E-05	9.21E-02
Naphthalene	0.05%	3.07E-06	2.69E-02	2.63E-05	2.30E-01
Propylene	3.06%	1.88E-04	1.65E+00	1.61E-03	1.41E+01
Styrene	0.12%	7.37E-06	6.45E-02	6.31E-05	5.53E-01
Toluene	5.76%	3.54E-04	3.10E+00	3.03E-03	2.65E+01
Xylenes	4.80%	2.95E-04	2.58E+00	2.52E-03	2.21E+01

TOG Due to Evaporative Losses - SR-20 Westbound

Toxic Compound	EMFAC Gasoline TOG Speciation[1]	TRUCK2		NONTRCK2	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Benzene	0.36%	3.27E-05	2.87E-01	2.18E-04	1.91E+00
Ethylbenzene	0.12%	1.09E-05	9.55E-02	7.25E-05	6.36E-01
Hexane	1.54%	1.40E-04	1.23E+00	9.31E-04	8.16E+00
Toluene	1.70%	1.54E-04	1.35E+00	1.03E-03	9.00E+00
Xylenes	0.58%	5.27E-05	4.62E-01	3.51E-04	3.07E+00

Total TOG TACs - SR-20 Westbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK2		NONTRCK2	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.72E-05	1.51E-01	1.47E-04	1.29E+00
Acrolein	0.13%	7.98E-06	6.99E-02	6.83E-05	5.99E-01
Benzene	2.47%	1.84E-04	1.62E+00	1.52E-03	1.33E+01
1,3-Butadiene	0.55%	3.38E-05	2.96E-01	2.89E-04	2.53E+00
Ethylbenzene	1.05%	7.54E-05	6.60E-01	6.25E-04	5.47E+00
Formaldehyde	1.58%	9.70E-05	8.50E-01	8.31E-04	7.28E+00
Hexane	1.60%	2.38E-04	2.09E+00	1.77E-03	1.55E+01
Methanol	0.12%	7.37E-06	6.45E-02	6.31E-05	5.53E-01
Methyl Ethyl Ketone	0.02%	1.23E-06	1.08E-02	1.05E-05	9.21E-02
Naphthalene	0.05%	3.07E-06	2.69E-02	2.63E-05	2.30E-01
Propylene	3.06%	1.88E-04	1.65E+00	1.61E-03	1.41E+01
Styrene	0.12%	7.37E-06	6.45E-02	6.31E-05	5.53E-01
Toluene	5.76%	5.08E-04	4.45E+00	4.06E-03	3.55E+01
Xylenes	4.80%	3.47E-04	3.04E+00	2.87E-03	2.52E+01

PM2.5 Concentration

AERMOD Source	Emission Rate (g/s)	X/Q Rate	PM2.5 (ug/m3)
Truck1	4.52E-04	191.93	0.09
NonTruck1	3.84E-04	280.39	0.11
Truck2	4.61E-04	29.52	0.01
NonTruck2	3.92E-04	30.27	0.01
		Total Concentration	**0.22**

1 pound =	453.6	grams
1 year =	3.15E+07	seconds

Dorsey Marketplace Roadway HRA - Total ADT

Land Use Compatibility Health Risk Assessment - SR-20 TACs

Operational Health Risk - Roadway Emission Inventory

Vehicle Class	Fuel Type	Existing + Project (2022) Vehicle Volume[1]	Modeled Distance (meter)[2]	Modeled Distance (miles)	Daily VMT	DPM (PM2.5 - Exhaust as Surrogate)					PM2.5 - Total					TOG - Tailpipe					TOG - Evaporative				
						EF (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF Running (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF RunLoss (g/mi)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)
SR-20 Eastbound																									
Non-Trucks	DSL	222	1,884	1.17	259	2.28E-02	5.92E+00	1.65E-04	**1.45**	**0.00**	3.38E-02	8.76	2.45E-04	**2.14**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Trucks	DSL	1,653	1,884	1.17	1,935	4.45E-02	8.61E+01	2.41E-03	**21.07**	**0.01**	7.40E-02	143.12	4.00E-03	**35.01**	**0.02**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Non-Trucks	GAS	17,251	1,884	1.17	20,200	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	6.53E-03	131.99	3.69E-03	**32.29**	**0.02**	3.58E-02	7.23E+02	6.64E-02	**582.03**	**0.29**	4.12E-02	8.32E+02	7.64E-02	**669.33**	**0.33**
Trucks	GAS	628	1,884	1.17	735	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	3.13E-02	22.99	6.42E-04	**5.62**	**0.00**	1.17E-01	8.58E+01	7.88E-03	**69.06**	**0.03**	1.73E-01	1.27E+02	1.17E-02	**102.21**	**0.05**
								Trucks Only	2.41E-03	**21.07**	**0.01**	--	--	4.64E-03	**40.64**	**0.02**	--	--	7.88E-03	**69.06**	**0.03**	--	--	1.17E-02	**102.21**	**0.05**
								Non-Trucks Only	1.65E-04	**1.45**	**0.00**	--	--	3.93E-03	**34.43**	**0.02**	--	--	6.64E-02	**582.03**	**0.29**	--	--	7.64E-02	**669.33**	**0.33**
								Total	2.57E-03	**22.52**	**0.01**	--	--	8.57E-03	**75.07**	**0.04**	--	--	7.43E-02	**651.10**	**0.33**	--	--	8.81E-02	**771.54**	**0.39**
SR-20 Westbound																									
Non-Trucks	DSL	225	1,884	1.17	264	2.28E-02	6.01E+00	1.68E-04	**1.47**	**0.00**	3.38E-02	8.90	2.49E-04	**2.18**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Trucks	DSL	1,679	1,884	1.17	1,966	4.45E-02	8.75E+01	2.44E-03	**21.41**	**0.01**	7.40E-02	145.40	4.06E-03	**35.57**	**0.02**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Non-Trucks	GAS	17,526	1,884	1.17	20,521	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	6.53E-03	134.09	3.74E-03	**32.80**	**0.02**	3.58E-02	7.35E+02	6.75E-02	**591.30**	**0.30**	4.12E-02	8.45E+02	7.76E-02	**679.99**	**0.34**
Trucks	GAS	628	1,884	1.17	735	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	3.13E-02	22.99	6.42E-04	**5.62**	**0.00**	1.17E-01	8.58E+01	7.88E-03	**69.06**	**0.03**	1.73E-01	1.27E+02	1.17E-02	**102.21**	**0.05**
								Trucks Only	2.44E-03	**21.41**	**0.01**	--	--	4.70E-03	**41.19**	**0.02**	--	--	7.88E-03	**69.06**	**0.03**	--	--	1.17E-02	**102.21**	**0.05**
								Non-Trucks Only	1.68E-04	**1.47**	**0.00**	--	--	3.99E-03	**34.98**	**0.02**	--	--	6.75E-02	**591.30**	**0.30**	--	--	7.76E-02	**679.99**	**0.34**
								Total	2.61E-03	**22.88**	**0.01**	--	--	8.70E-03	**76.17**	**0.04**	--	--	7.54E-02	**660.36**	**0.33**	--	--	8.93E-02	**782.20**	**0.39**

1. Estimated based on the EMFAC2021 emission rates and Caltrans data
2. Based on the modeled link length used in the AERMOD model.

TOG Due to Tailpipe Emissions - SR-20 Eastbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	2.21E-05	1.93E-01	1.86E-04	1.63E+00
Acrolein	0.13%	1.02E-05	8.98E-02	8.64E-05	7.57E-01
Benzene	2.47%	1.95E-04	1.71E+00	1.64E-03	1.44E+01
1,3-Butadiene	0.55%	4.34E-05	3.80E-01	3.65E-04	3.20E+00
Ethylbenzene	1.05%	8.28E-05	7.25E-01	6.98E-04	6.11E+00
Formaldehyde	1.58%	1.25E-04	1.09E+00	1.05E-03	9.20E+00
Hexane	1.60%	1.26E-04	1.11E+00	1.06E-03	9.31E+00
Methanol	0.12%	9.46E-06	8.29E-02	7.97E-05	6.98E-01
Methyl Ethyl Ketone	0.02%	1.58E-06	1.38E-02	1.33E-05	1.16E-01
Naphthalene	0.05%	3.94E-06	3.45E-02	3.32E-05	2.91E-01
Propylene	3.06%	2.41E-04	2.11E+00	2.03E-03	1.78E+01
Styrene	0.12%	9.46E-06	8.29E-02	7.97E-05	6.98E-01
Toluene	5.76%	4.54E-04	3.98E+00	3.83E-03	3.35E+01
Xylenes	4.80%	3.78E-04	3.32E+00	3.19E-03	2.79E+01

TOG Due to Evaporative Losses - SR-20 Eastbound

Toxic Compound	EMFAC Gasoline TOG Speciation[1]	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Benzene	0.36%	4.20E-05	3.68E-01	2.75E-04	2.41E+00
Ethylbenzene	0.12%	1.40E-05	1.23E-01	9.17E-05	8.03E-01
Hexane	1.54%	1.80E-04	1.57E+00	1.18E-03	1.03E+01
Toluene	1.70%	1.98E-04	1.74E+00	1.30E-03	1.14E+01
Xylenes	0.58%	6.77E-05	5.93E-01	4.43E-04	3.88E+00

Total TOG TACs - SR-20 Eastbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	2.21E-05	1.93E-01	1.86E-04	1.63E+00
Acrolein	0.13%	1.02E-05	8.98E-02	8.64E-05	7.57E-01
Benzene	2.47%	2.37E-04	2.07E+00	1.92E-03	1.68E+01
1,3-Butadiene	0.55%	4.34E-05	3.80E-01	3.65E-04	3.20E+00
Ethylbenzene	1.05%	9.68E-05	8.48E-01	7.89E-04	6.91E+00
Formaldehyde	1.58%	1.25E-04	1.09E+00	1.05E-03	9.20E+00
Hexane	1.60%	3.06E-04	2.68E+00	2.24E-03	1.96E+01
Methanol	0.12%	9.46E-06	8.29E-02	7.97E-05	6.98E-01
Methyl Ethyl Ketone	0.02%	1.58E-06	1.38E-02	1.33E-05	1.16E-01
Naphthalene	0.05%	3.94E-06	3.45E-02	3.32E-05	2.91E-01
Propylene	3.06%	2.41E-04	2.11E+00	2.03E-03	1.78E+01
Styrene	0.12%	9.46E-06	8.29E-02	7.97E-05	6.98E-01
Toluene	5.76%	6.52E-04	5.72E+00	5.13E-03	4.49E+01
Xylenes	4.80%	4.46E-04	3.91E+00	3.63E-03	3.18E+01

TOG Due to Tailpipe Emissions - SR-20 Westbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK2		NONTRCK2	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	2.21E-05	1.93E-01	1.89E-04	1.66E+00
Acrolein	0.13%	1.02E-05	8.98E-02	8.77E-05	7.69E-01
Benzene	2.47%	1.95E-04	1.71E+00	1.67E-03	1.46E+01

1,3-Butadiene	0.55%	4.34E-05	3.80E-01	3.71E-04	3.25E+00
Ethylbenzene	1.05%	8.28E-05	7.25E-01	7.09E-04	6.21E+00
Formaldehyde	1.58%	1.25E-04	1.09E+00	1.07E-03	9.34E+00
Hexane	1.60%	1.26E-04	1.11E+00	1.08E-03	9.46E+00
Methanol	0.12%	9.46E-06	8.29E-02	8.10E-05	7.10E-01
Methyl Ethyl Ketone	0.02%	1.58E-06	1.38E-02	1.35E-05	1.18E-01
Naphthalene	0.05%	3.94E-06	3.45E-02	3.37E-05	2.96E-01
Propylene	3.06%	2.41E-04	2.11E+00	2.07E-03	1.81E+01
Styrene	0.12%	9.46E-06	8.29E-02	8.10E-05	7.10E-01
Toluene	5.76%	4.54E-04	3.98E+00	3.89E-03	3.41E+01
Xylenes	4.80%	3.78E-04	3.32E+00	3.24E-03	2.84E+01

TOG Due to Evaporative Losses - SR-20 Westbound

Toxic Compound	EMFAC Gasoline TOG Speciation[1]	TRUCK2 Emissions (lb/hr)	TRUCK2 Emissions (lb/yr)	NONTRCK2 Emissions (lb/hr)	NONTRCK2 Emissions (lb/yr)
Benzene	0.36%	4.20E-05	3.68E-01	2.79E-04	2.45E+00
Ethylbenzene	0.12%	1.40E-05	1.23E-01	9.31E-05	8.16E-01
Hexane	1.54%	1.80E-04	1.57E+00	1.20E-03	1.05E+01
Toluene	1.70%	1.98E-04	1.74E+00	1.32E-03	1.16E+01
Xylenes	0.58%	6.77E-05	5.93E-01	4.50E-04	3.94E+00

Total TOG TACs - SR-20 Westbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK2 Emissions (lb/hr)	TRUCK2 Emissions (lb/yr)	NONTRCK2 Emissions (lb/hr)	NONTRCK2 Emissions (lb/yr)
Acetaldehyde	0.28%	2.21E-05	1.93E-01	1.89E-04	1.66E+00
Acrolein	0.13%	1.02E-05	8.98E-02	8.77E-05	7.69E-01
Benzene	2.47%	2.37E-04	2.07E+00	1.95E-03	1.71E+01
1,3-Butadiene	0.55%	4.34E-05	3.80E-01	3.71E-04	3.25E+00
Ethylbenzene	1.05%	9.68E-05	8.48E-01	8.02E-04	7.02E+00
Formaldehyde	1.58%	1.25E-04	1.09E+00	1.07E-03	9.34E+00
Hexane	1.60%	3.06E-04	2.68E+00	2.28E-03	1.99E+01
Methanol	0.12%	9.46E-06	8.29E-02	8.10E-05	7.10E-01
Methyl Ethyl Ketone	0.02%	1.58E-06	1.38E-02	1.35E-05	1.18E-01
Naphthalene	0.05%	3.94E-06	3.45E-02	3.37E-05	2.96E-01
Propylene	3.06%	2.41E-04	2.11E+00	2.07E-03	1.81E+01
Styrene	0.12%	9.46E-06	8.29E-02	8.10E-05	7.10E-01
Toluene	5.76%	6.52E-04	5.72E+00	5.21E-03	4.56E+01
Xylenes	4.80%	4.46E-04	3.91E+00	3.69E-03	3.23E+01

PM2.5 Concentration

AERMOD Source	Emission Rate (g/s	X/Q Rate	PM2.5 (ug/m3)
Truck1	5.84E-04	191.93	0.11
NonTruck1	4.95E-04	280.39	0.14
Truck2	5.92E-04	29.52	0.02
NonTruck2	5.03E-04	30.27	0.02
		Total Concentration	**0.28**

1 pound =	453.6	grams
1 year =	3.15E+07	seconds

Dorsey Marketplace Roadway HRA - Total ADT

Land Use Compatibility Health Risk Assessment - SR-20 TACs

Operational Health Risk - Roadway Emission Inventory

Vehicle Class	Fuel Type	Cumulative (2035) Vehicle Volume[1,2]	Modeled Distance (meter)[3]	Modeled Distance (miles)	Daily VMT	DPM (PM2.5 - Exhaust as Surrogate)					PM2.5 - Total					TOG - Tailpipe					TOG - Evaporative				
						EF (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF Running (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF RunLoss (g/mi)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)
SR-20 Eastbound																									
Non-Trucks	DSL	184	1,884	1.17	215	2.28E-02	4.91E+00	1.37E-04	**1.20**	**0.00**	3.38E-02	7.27	2.03E-04	**1.78**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Trucks	DSL	1,371	1,884	1.17	1,605	4.45E-02	7.15E+01	2.00E-03	**17.48**	**0.01**	7.40E-02	118.73	3.32E-03	**29.04**	**0.01**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Non-Trucks	GAS	14,311	1,884	1.17	16,757	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	6.53E-03	109.49	3.06E-03	**26.78**	**0.01**	3.58E-02	6.00E+02	5.51E-02	**482.84**	**0.24**	4.12E-02	6.90E+02	6.34E-02	**555.26**	**0.28**
Trucks	GAS	513	1,884	1.17	600	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	3.13E-02	18.78	5.24E-04	**4.59**	**0.00**	1.17E-01	7.01E+01	6.44E-03	**56.40**	**0.03**	1.73E-01	1.04E+02	9.53E-03	**83.46**	**0.04**
								Trucks Only	2.00E-03	**17.48**	**0.01**	--	--	3.84E-03	**33.64**	**0.02**	--	--	6.44E-03	**56.40**	**0.03**	--	--	9.53E-03	**83.46**	**0.04**
								Non-Trucks Only	1.37E-04	**1.20**	**0.00**	--	--	3.26E-03	**28.56**	**0.01**	--	--	5.51E-02	**482.84**	**0.24**	--	--	6.34E-02	**555.26**	**0.28**
								Total	2.13E-03	**18.68**	**0.01**	--	--	7.10E-03	**62.20**	**0.03**	--	--	6.16E-02	**539.23**	**0.27**	--	--	7.29E-02	**638.72**	**0.32**
SR-20 Westbound																									
Non-Trucks	DSL	188	1,884	1.17	220	2.28E-02	5.01E+00	1.40E-04	**1.23**	**0.00**	3.38E-02	7.42	2.07E-04	**1.81**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Trucks	DSL	1,399	1,884	1.17	1,638	4.45E-02	7.29E+01	2.04E-03	**17.84**	**0.01**	7.40E-02	121.17	3.38E-03	**29.64**	**0.01**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Non-Trucks	GAS	14,605	1,884	1.17	17,101	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	6.53E-03	111.74	3.12E-03	**27.33**	**0.01**	3.58E-02	6.12E+02	5.63E-02	**492.75**	**0.25**	4.12E-02	7.04E+02	6.47E-02	**566.66**	**0.28**
Trucks	GAS	523	1,884	1.17	612	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	3.13E-02	19.16	5.35E-04	**4.69**	**0.00**	1.17E-01	7.15E+01	6.57E-03	**57.55**	**0.03**	1.73E-01	1.06E+02	9.72E-03	**85.17**	**0.04**
								Trucks Only	2.04E-03	**17.84**	**0.01**	--	--	3.92E-03	**34.33**	**0.02**	--	--	6.57E-03	**57.55**	**0.03**	--	--	9.72E-03	**85.17**	**0.04**
								Non-Trucks Only	1.40E-04	**1.23**	**0.00**	--	--	3.33E-03	**29.15**	**0.01**	--	--	5.63E-02	**492.75**	**0.25**	--	--	6.47E-02	**566.66**	**0.28**
								Total	2.18E-03	**19.06**	**0.01**	--	--	7.25E-03	**63.48**	**0.03**	--	--	6.28E-02	**550.31**	**0.28**	--	--	7.44E-02	**651.84**	**0.33**

1. Estimated based on the EMFAC2021 emission rates and Caltrans data
2. Because data showed negative growth -- also shown in Census data set that vols have significantly decreased between 2019 and 2022, a 0.5% growth rate assumed for future AADT
3. Based on the modeled link length used in the AERMOD model.

TOG Due to Tailpipe Emissions - SR-20 Eastbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.80E-05	1.58E-01	1.54E-04	1.35E+00
Acrolein	0.13%	8.37E-06	7.33E-02	7.17E-05	6.28E-01
Benzene	2.47%	1.59E-04	1.39E+00	1.36E-03	1.19E+01
1,3-Butadiene	0.55%	3.54E-05	3.10E-01	3.03E-04	2.66E+00
Ethylbenzene	1.05%	6.76E-05	5.92E-01	5.79E-04	5.07E+00
Formaldehyde	1.58%	1.02E-04	8.91E-01	8.71E-04	7.63E+00
Hexane	1.60%	1.03E-04	9.02E-01	8.82E-04	7.73E+00
Methanol	0.12%	7.73E-06	6.77E-02	6.61E-05	5.79E-01
Methyl Ethyl Ketone	0.02%	1.29E-06	1.13E-02	1.10E-05	9.66E-02
Naphthalene	0.05%	3.22E-06	2.82E-02	2.76E-05	2.41E-01
Propylene	3.06%	1.97E-04	1.73E+00	1.69E-03	1.48E+01
Styrene	0.12%	7.73E-06	6.77E-02	6.61E-05	5.79E-01
Toluene	5.76%	3.71E-04	3.25E+00	3.17E-03	2.78E+01
Xylenes	4.80%	3.09E-04	2.71E+00	2.65E-03	2.32E+01

TOG Due to Evaporative Losses - SR-20 Eastbound

Toxic Compound	EMFAC Gasoline TOG Speciation[1]	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Benzene	0.36%	3.43E-05	3.00E-01	2.28E-04	2.00E+00
Ethylbenzene	0.12%	1.14E-05	1.00E-01	7.61E-05	6.66E-01
Hexane	1.54%	1.47E-04	1.29E+00	9.76E-04	8.55E+00
Toluene	1.70%	1.62E-04	1.42E+00	1.08E-03	9.44E+00
Xylenes	0.58%	5.53E-05	4.84E-01	3.68E-04	3.22E+00

Total TOG TACs -SR-20 Eastbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.80E-05	1.58E-01	1.54E-04	1.35E+00
Acrolein	0.13%	8.37E-06	7.33E-02	7.17E-05	6.28E-01
Benzene	2.47%	1.93E-04	1.69E+00	1.59E-03	1.39E+01
1,3-Butadiene	0.55%	3.54E-05	3.10E-01	3.03E-04	2.66E+00
Ethylbenzene	1.05%	7.90E-05	6.92E-01	6.55E-04	5.74E+00
Formaldehyde	1.58%	1.02E-04	8.91E-01	8.71E-04	7.63E+00
Hexane	1.60%	2.50E-04	2.19E+00	1.86E-03	1.63E+01
Methanol	0.12%	7.73E-06	6.77E-02	6.61E-05	5.79E-01
Methyl Ethyl Ketone	0.02%	1.29E-06	1.13E-02	1.10E-05	9.66E-02
Naphthalene	0.05%	3.22E-06	2.82E-02	2.76E-05	2.41E-01
Propylene	3.06%	1.97E-04	1.73E+00	1.69E-03	1.48E+01
Styrene	0.12%	7.73E-06	6.77E-02	6.61E-05	5.79E-01
Toluene	5.76%	5.33E-04	4.67E+00	4.25E-03	3.73E+01
Xylenes	4.80%	3.64E-04	3.19E+00	3.01E-03	2.64E+01

TOG Due to Tailpipe Emissions - SR-20 Westbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK2		NONTRCK2	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.84E-05	1.61E-01	1.58E-04	1.38E+00
Acrolein	0.13%	8.54E-06	7.48E-02	7.31E-05	6.41E-01
Benzene	2.47%	1.62E-04	1.42E+00	1.39E-03	1.22E+01
1,3-Butadiene	0.55%	3.61E-05	3.17E-01	3.09E-04	2.71E+00

Ethylbenzene	1.05%	6.90E-05	6.04E-01	5.91E-04	5.17E+00
Formaldehyde	1.58%	1.04E-04	9.09E-01	8.89E-04	7.79E+00
Hexane	1.60%	1.05E-04	9.21E-01	9.00E-04	7.88E+00
Methanol	0.12%	7.88E-06	6.91E-02	6.75E-05	5.91E-01
Methyl Ethyl Ketone	0.02%	1.31E-06	1.15E-02	1.13E-05	9.86E-02
Naphthalene	0.05%	3.29E-06	2.88E-02	2.81E-05	2.46E-01
Propylene	3.06%	2.01E-04	1.76E+00	1.72E-03	1.51E+01
Styrene	0.12%	7.88E-06	6.91E-02	6.75E-05	5.91E-01
Toluene	5.76%	3.78E-04	3.32E+00	3.24E-03	2.84E+01
Xylenes	4.80%	3.15E-04	2.76E+00	2.70E-03	2.37E+01

TOG Due to Evaporative Losses - SR-20 Westbound

		TRUCK2		NONTRCK2	
Toxic Compound	**EMFAC Gasoline TOG Speciation[1]**	**Emissions (lb/hr)**	**Emissions (lb/yr)**	**Emissions (lb/hr)**	**Emissions (lb/yr)**
Benzene	0.36%	3.50E-05	3.07E-01	2.33E-04	2.04E+00
Ethylbenzene	0.12%	1.17E-05	1.02E-01	7.76E-05	6.80E-01
Hexane	1.54%	1.50E-04	1.31E+00	9.96E-04	8.73E+00
Toluene	1.70%	1.65E-04	1.45E+00	1.10E-03	9.63E+00
Xylenes	0.58%	5.64E-05	4.94E-01	3.75E-04	3.29E+00

Total TOG TACs - SR-20 Westbound

		TRUCK2		NONTRCK2	
TAC	**EMFAC Gasoline TOG Speciation1**	**Emissions (lb/hr)**	**Emissions (lb/yr)**	**Emissions (lb/hr)**	**Emissions (lb/yr)**
Acetaldehyde	0.28%	1.84E-05	1.61E-01	1.58E-04	1.38E+00
Acrolein	0.13%	8.54E-06	7.48E-02	7.31E-05	6.41E-01
Benzene	2.47%	1.97E-04	1.73E+00	1.62E-03	1.42E+01
1,3-Butadiene	0.55%	3.61E-05	3.17E-01	3.09E-04	2.71E+00
Ethylbenzene	1.05%	8.07E-05	7.07E-01	6.68E-04	5.85E+00
Formaldehyde	1.58%	1.04E-04	9.09E-01	8.89E-04	7.79E+00
Hexane	1.60%	2.55E-04	2.23E+00	1.90E-03	1.66E+01
Methanol	0.12%	7.88E-06	6.91E-02	6.75E-05	5.91E-01
Methyl Ethyl Ketone	0.02%	1.31E-06	1.15E-02	1.13E-05	9.86E-02
Naphthalene	0.05%	3.29E-06	2.88E-02	2.81E-05	2.46E-01
Propylene	3.06%	2.01E-04	1.76E+00	1.72E-03	1.51E+01
Styrene	0.12%	7.88E-06	6.91E-02	6.75E-05	5.91E-01
Toluene	5.76%	5.44E-04	4.76E+00	4.34E-03	3.80E+01
Xylenes	4.80%	3.72E-04	3.26E+00	3.08E-03	2.69E+01

PM2.5 Concentration

AERMOD Source	**Emission Rate (g/s**	**X/Q Rate**	**PM2.5 (ug/m3)**
Truck1	4.84E-04	191.93	0.09
NonTruck1	4.11E-04	280.39	0.12
Truck2	4.94E-04	29.52	0.01
NonTruck2	4.19E-04	30.27	0.01
		Total Concentration	**0.24**

1 pound = 453.6 grams
1 year = 3.15E+07 seconds

Item # 11.

Dorsey Marketplace Roadway HRA - Total ADT

Land Use Compatibility Health Risk Assessment - SR-20 TACs

Operational Health Risk - Roadway Emission Inventory

Vehicle Class	Fuel Type	Cumulative + Project (2035) Vehicle Volume[1,2]	Modeled Distance (meter)[3]	Modeled Distance (miles)	Daily VMT	DPM (PM2.5 - Exhaust as Surrogate)					PM2.5 - Total					TOG - Tailpipe					TOG - Evaporative				
						EF (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF Running (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF RunLoss (g/mi)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)
SR-20 Eastbound																									
Non-Trucks	DSL	234	1,884	1.17	273	2.28E-02	6.24E+00	1.74E-04	**1.53**	**0.00**	3.38E-02	9.24	2.58E-04	**2.26**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Trucks	DSL	1,742	1,884	1.17	2,040	4.45E-02	9.08E+01	2.54E-03	**22.21**	**0.01**	7.40E-02	150.89	4.21E-03	**36.91**	**0.02**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Non-Trucks	GAS	18,188	1,884	1.17	21,296	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	6.53E-03	139.15	3.89E-03	**34.04**	**0.02**	3.58E-02	7.63E+02	7.00E-02	**613.62**	**0.31**	4.12E-02	8.77E+02	8.06E-02	**705.66**	**0.35**
Trucks	GAS	651	1,884	1.17	763	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	3.13E-02	23.86	6.66E-04	**5.84**	**0.00**	1.17E-01	8.91E+01	8.18E-03	**71.67**	**0.04**	1.73E-01	1.32E+02	1.21E-02	**106.07**	**0.05**
									Trucks Only	2.54E-03	**22.21**	**0.01**	--	--	4.88E-03	**42.75**	**0.02**	--	--	8.18E-03	**71.67**	**0.04**	--	--	1.21E-02	**106.07**	**0.05**
									Non-Trucks Only	1.74E-04	**1.53**	**0.00**	--	--	4.14E-03	**36.30**	**0.02**	--	--	7.00E-02	**613.62**	**0.31**	--	--	8.06E-02	**705.66**	**0.35**
									Total	2.71E-03	**23.74**	**0.01**	--	--	9.02E-03	**79.05**	**0.04**	--	--	7.82E-02	**685.29**	**0.34**	--	--	9.27E-02	**811.73**	**0.41**
SR-20 Westbound																									
Non-Trucks	DSL	237	1,884	1.17	278	2.28E-02	6.34E+00	1.77E-04	**1.55**	**0.00**	3.38E-02	9.39	2.62E-04	**2.30**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Trucks	DSL	1,771	1,884	1.17	2,073	4.45E-02	9.23E+01	2.58E-03	**22.57**	**0.01**	7.40E-02	153.33	4.28E-03	**37.51**	**0.02**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Non-Trucks	GAS	18,481	1,884	1.17	21,640	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	6.53E-03	141.40	3.95E-03	**34.59**	**0.02**	3.58E-02	7.75E+02	7.12E-02	**623.53**	**0.31**	4.12E-02	8.91E+02	8.19E-02	**717.06**	**0.36**
Trucks	GAS	662	1,884	1.17	775	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	3.13E-02	24.25	6.77E-04	**5.93**	**0.00**	1.17E-01	9.05E+01	8.31E-03	**72.83**	**0.04**	1.73E-01	1.34E+02	1.23E-02	**107.78**	**0.05**
									Trucks Only	2.58E-03	**22.57**	**0.01**	--	--	4.96E-03	**43.44**	**0.02**	--	--	8.31E-03	**72.83**	**0.04**	--	--	1.23E-02	**107.78**	**0.05**
									Non-Trucks Only	1.77E-04	**1.55**	**0.00**	--	--	4.21E-03	**36.88**	**0.02**	--	--	7.12E-02	**623.53**	**0.31**	--	--	8.19E-02	**717.06**	**0.36**
									Total	2.75E-03	**24.12**	**0.01**	--	--	9.17E-03	**80.32**	**0.04**	--	--	7.95E-02	**696.36**	**0.35**	--	--	9.42E-02	**824.84**	**0.41**

1. Estimated based on the EMFAC2021 emission rates and Caltrans data
2. Because data showed negative growth – also shown in Census data set that vols have significantly decreased between 2019 and 2022, a 0.5% growth rate assumed for future AADT
3. Based on the modeled link length used in the AERMOD model.

TOG Due to Tailpipe Emissions - SR-20 Eastbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	2.29E-05	2.01E-01	1.96E-04	1.72E+00
Acrolein	0.13%	1.06E-05	9.32E-02	9.11E-05	7.98E-01
Benzene	2.47%	2.02E-04	1.77E+00	1.73E-03	1.52E+01
1,3-Butadiene	0.55%	4.50E-05	3.94E-01	3.85E-04	3.37E+00
Ethylbenzene	1.05%	8.59E-05	7.53E-01	7.36E-04	6.44E+00
Formaldehyde	1.58%	1.29E-04	1.13E+00	1.11E-03	9.70E+00
Hexane	1.60%	1.31E-04	1.15E+00	1.12E-03	9.82E+00
Methanol	0.12%	9.82E-06	8.60E-02	8.41E-05	7.36E-01
Methyl Ethyl Ketone	0.02%	1.64E-06	1.43E-02	1.40E-05	1.23E-01
Naphthalene	0.05%	4.09E-06	3.58E-02	3.50E-05	3.07E-01
Propylene	3.06%	2.50E-04	2.19E+00	2.14E-03	1.88E+01
Styrene	0.12%	9.82E-06	8.60E-02	8.41E-05	7.36E-01
Toluene	5.76%	4.71E-04	4.13E+00	4.03E-03	3.53E+01
Xylenes	4.80%	3.93E-04	3.44E+00	3.36E-03	2.95E+01

TOG Due to Evaporative Losses - SR-20 Eastbound

Toxic Compound	EMFAC Gasoline TOG Speciation[1]	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Benzene	0.36%	4.36E-05	3.82E-01	2.90E-04	2.54E+00
Ethylbenzene	0.12%	1.45E-05	1.27E-01	9.67E-05	8.47E-01
Hexane	1.54%	1.86E-04	1.63E+00	1.24E-03	1.09E+01
Toluene	1.70%	2.06E-04	1.80E+00	1.37E-03	1.20E+01
Xylenes	0.58%	7.02E-05	6.15E-01	4.67E-04	4.09E+00

Total TOG TACs - SR-20 Eastbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	2.29E-05	2.01E-01	1.96E-04	1.72E+00
Acrolein	0.13%	1.06E-05	9.32E-02	9.11E-05	7.98E-01
Benzene	2.47%	2.46E-04	2.15E+00	2.02E-03	1.77E+01
1,3-Butadiene	0.55%	4.50E-05	3.94E-01	3.85E-04	3.37E+00
Ethylbenzene	1.05%	1.00E-04	8.80E-01	8.32E-04	7.29E+00
Formaldehyde	1.58%	1.29E-04	1.13E+00	1.11E-03	9.70E+00
Hexane	1.60%	3.17E-04	2.78E+00	2.36E-03	2.07E+01
Methanol	0.12%	9.82E-06	8.60E-02	8.41E-05	7.36E-01
Methyl Ethyl Ketone	0.02%	1.64E-06	1.43E-02	1.40E-05	1.23E-01
Naphthalene	0.05%	4.09E-06	3.58E-02	3.50E-05	3.07E-01
Propylene	3.06%	2.50E-04	2.19E+00	2.14E-03	1.88E+01
Styrene	0.12%	9.82E-06	8.60E-02	8.41E-05	7.36E-01
Toluene	5.76%	6.77E-04	5.93E+00	5.40E-03	4.73E+01
Xylenes	4.80%	4.63E-04	4.06E+00	3.83E-03	3.35E+01

TOG Due to Tailpipe Emissions - SR-20 Westbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK2		NONTRCK2	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	2.33E-05	2.04E-01	1.99E-04	1.75E+00
Acrolein	0.13%	1.08E-05	9.47E-02	9.25E-05	8.11E-01
Benzene	2.47%	2.05E-04	1.80E+00	1.76E-03	1.54E+01
1,3-Butadiene	0.55%	4.57E-05	4.01E-01	3.91E-04	3.43E+00
Ethylbenzene	1.05%	8.73E-05	7.65E-01	7.47E-04	6.55E+00
Formaldehyde	1.58%	1.31E-04	1.15E+00	1.12E-03	9.85E+00

Hexane	1.60%	1.33E-04	1.17E+00	1.14E-03	9.98E+00
Methanol	0.12%	9.98E-06	8.74E-02	8.54E-05	7.48E-01
Methyl Ethyl Ketone	0.02%	1.66E-06	1.46E-02	1.42E-05	1.25E-01
Naphthalene	0.05%	4.16E-06	3.64E-02	3.56E-05	3.12E-01
Propylene	3.06%	2.54E-04	2.23E+00	2.18E-03	1.91E+01
Styrene	0.12%	9.98E-06	8.74E-02	8.54E-05	7.48E-01
Toluene	5.76%	4.79E-04	4.19E+00	4.10E-03	3.59E+01
Xylenes	4.80%	3.99E-04	3.50E+00	3.42E-03	2.99E+01

TOG Due to Evaporative Losses - SR-20 Westbound

Toxic Compound	EMFAC Gasoline TOG Speciation[1]	TRUCK2		NONTRCK2	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Benzene	0.36%	4.43E-05	3.88E-01	2.95E-04	2.58E+00
Ethylbenzene	0.12%	1.48E-05	1.29E-01	9.82E-05	8.60E-01
Hexane	1.54%	1.89E-04	1.66E+00	1.26E-03	1.10E+01
Toluene	1.70%	2.09E-04	1.83E+00	1.39E-03	1.22E+01
Xylenes	0.58%	7.14E-05	6.25E-01	4.75E-04	4.16E+00

Total TOG TACs - SR-20 Westbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK2		NONTRCK2	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	2.33E-05	2.04E-01	1.99E-04	1.75E+00
Acrolein	0.13%	1.08E-05	9.47E-02	9.25E-05	8.11E-01
Benzene	2.47%	2.50E-04	2.19E+00	2.05E-03	1.80E+01
1,3-Butadiene	0.55%	4.57E-05	4.01E-01	3.91E-04	3.43E+00
Ethylbenzene	1.05%	1.02E-04	8.94E-01	8.46E-04	7.41E+00
Formaldehyde	1.58%	1.31E-04	1.15E+00	1.12E-03	9.85E+00
Hexane	1.60%	3.23E-04	2.83E+00	2.40E-03	2.10E+01
Methanol	0.12%	9.98E-06	8.74E-02	8.54E-05	7.48E-01
Methyl Ethyl Ketone	0.02%	1.66E-06	1.46E-02	1.42E-05	1.25E-01
Naphthalene	0.05%	4.16E-06	3.64E-02	3.56E-05	3.12E-01
Propylene	3.06%	2.54E-04	2.23E+00	2.18E-03	1.91E+01
Styrene	0.12%	9.98E-06	8.74E-02	8.54E-05	7.48E-01
Toluene	5.76%	6.88E-04	6.03E+00	5.49E-03	4.81E+01
Xylenes	4.80%	4.70E-04	4.12E+00	3.89E-03	3.41E+01

PM2.5 Concentration

AERMOD Source	Emission Rate (g/s)	X/Q Rate	PM2.5 (ug/m3)
Truck1	6.15E-04	191.93	0.12
NonTruck1	5.22E-04	280.39	0.15
Truck2	6.25E-04	29.52	0.02
NonTruck2	5.30E-04	30.27	0.02
		Total Concentration	**0.30**

1 pound = 453.6 grams
1 year = 3.15E+07 seconds

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Dorsey Marketplace Roadway HRA - Total ADT

Land Use Compatibility Health Risk Assessment - SR-20 TACs

Roadway Parameters	ADT	DSL Trucks	DSL Non-Trucks	Gas Trucks	Gas Non-Trucks	Link Length (km)	Plume Width (m)	Link Length (ft)	Link Length (m)
SR 20 Eastbound	15,307	1,281	172	479	13,375	1	15	6,181	1884.00
SR 20 Westbound	15,621	1,308	175	489	13,650	1	15	6,181	1884.00

		Percentage	
Trucks	1,453	0.094927852	
Non Trucks	13,854	0.905072148	Trips

Existing (2022) + Project

Roadway Parameters	ADT	DSL Trucks	DSL Non-Trucks	Gas Trucks	Gas Non-Trucks	Link Length (km)	Plume Width (m)	Link Length (ft)	Link Length (m)
SR 20 Eastbound	19,743	1,653	222	618	17,251	1	15	6,181	1884.00
SR 20 Westbound	20,058	1,679	225	628	17,526	1	15	6,181	1884.00

		Percentage
Trucks	1,874	0.094927852
Non Trucks	17,869	0.905072148

Cumulative (2035)

Roadway Parameters	ADT	DSL Trucks	DSL Non-Trucks	Gas Trucks	Gas Non-Trucks	Link Length (km)	Plume Width (m)	Link Length (ft)	Link Length (m)
SR 20 Eastbound	16,378	1,371	184	513	14,311	1	15	6,181	1884.00
SR 20 Westbound	16,715	1,399	188	523	14,605	1	15	6,181	1884.00

		Percentage
Trucks	1,587	0.094927852
Non Trucks	15,128	0.905072148

Cumulative (2035) + Project

Roadway Parameters	ADT	DSL Trucks	DSL Non-Trucks	Gas Trucks	Gas Non-Trucks	Link Length (km)	Plume Width (m)	Link Length (ft)	Link Length (m)
SR 20 Eastbound	20,815	1,742	234	651	18,188	1	15	6,181	1884.00
SR 20 Westbound	21,151	1,771	237	662	18,481	1	15	6,181	1884.00

		Percentage
Trucks	2,008	0.094927852
Non Trucks	19,143	0.905072148

	Truck	Non-Truck
Release Height (feet)	10	1.5
Release Height (m)	3.05	0.46
Initial Vertical Dimension (m)	6.10	0.91

*Per BAAQMD Guidance

Dorsey Marketplace Roadway	30,928
Existing (2022) + Project	39,801
Cumulative (2035)	33,093
Cumulative (2035) + Project	41,966

RESULTS

Existing (2022) (Receptor 1095)	
Cancer	22.02
Chronic	0.01
PM2.5	0.22
Existing (2022) + Project (Receptor 1095)	
Cancer	27.38
Chronic	0.02
PM2.5	0.28
Cumulative (2035) (Receptor 1095)	
Cancer	23.56
Chronic	0.01
PM2.5	0.24
Cumulative (2035) + Project (Receptor 1095)	
Cancer	28.92
Chronic	0.02
PM2.5	0.30

Project Impact (cumlative - existing)	
Cancer	5.36
Chronic	0.0030
PM2.5	0.06

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Dorsey Marketplace Roadway HRA - Total ADT
Land Use Compatibility Health Risk Assessment - SR-20 TACs

Segment	Direction	# of Lanes	2021 Data[1] ADT	2021 Data[1] Truck %	2022 Data[2] ADT	2022 Data[2] Truck %	% Annual Growth (ADT)	Truck Percent	Trucks	Non-Trucks	Total (2022)		
SR-20, at Dorsey Drive	WB	2	19,425	3.04%	15,621	3.77%	0.50%	0.0377	589	15,032	**15,621**		
	EB	2	19,140	3.33%	15,307	4.15%	0.50%	0.0415	636	14,671	**15,307**	*30,928*	*Check*
		Total	**38,565**		**30,928**			*Subtotals*	*1,225*	*29,703*			
								Total ADT		**30,928**			

Source: Caltrans PeMS 20.0.1

1 2021 ADT and Truck % based on aggregate data from January 1, 2021 to December 31, 2021.
2 2022 ADT and Truck % based on aggregate data from January 1, 2022 to December 31, 2022.
Note: There was only data point available close to the project site and PeMS site did not have any info for 2019 or before so 2021 and 2022 are the best available. There seems to be negative growth – also shown in Census data set that vols have significantly decreased between 2019 and 2022.
Note: Assume growth rate?
Note: State assumptions in section
If you can find a PSR or Caltrans report for SR-20 that has a growth forecast, that would be the best option. I would say, a half percent growth per year would be adequate for a conservative estimate.

		Growth (years)	Trucks	Non-Trucks	2035 Diesel Truck Percent	Diesel Trucks	Diesel Non-Truck Percent	Diesel Non-Trucks	Total (2035)		
SR-20, at Dorsey Drive	WB	14	631	16,084	0.0000	0	1.0000	16,084	**16,715**		
	EB	14	680	15,698	0.0000	0	1.0000	15,698	**16,378**	*33,093*	*Check*
		Subtotals	*1,311*	*31,782*							
		Total ADT		**33,093**							

Dorsey Marketplace Roadway HRA - 20 Percent ADT

Land Use Compatibility Health Risk Assessment - SR-20 TACs

Operational Health Risk - Roadway Emission Inventory

Vehicle Class	Fuel Type	Existing (2022) Vehicle Volume[1]	Modeled Distance (meter)[2]	Modeled Distance (miles)	Daily VMT	DPM (PM2.5 - Exhaust as Surrogate)					PM2.5 - Total					TOG - Tailpipe					TOG - Evaporative				
						EF (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF Running (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF RunLoss (g/mi)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)
SR-20 Eastbound																									
Non-Trucks	DSL	172	1,884	1.17	201	2.28E-02	4.59E+00	1.28E-04	**1.12**	**0.00**	3.38E-02	6.79	1.90E-04	**1.66**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Trucks	DSL	1,281	1,884	1.17	1,500	4.45E-02	6.68E+01	1.86E-03	**16.34**	**0.01**	7.40E-02	110.96	3.10E-03	**27.14**	**0.01**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Non-Trucks	GAS	13,375	1,884	1.17	15,661	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	6.53E-03	102.33	2.86E-03	**25.03**	**0.01**	3.58E-02	5.61E+02	5.15E-02	**451.25**	**0.23**	4.12E-02	6.45E+02	5.92E-02	**518.93**	**0.26**
Trucks	GAS	479	1,884	1.17	561	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	3.13E-02	17.55	4.90E-04	**4.29**	**0.00**	1.17E-01	6.55E+01	6.02E-03	**52.71**	**0.03**	1.73E-01	9.69E+01	8.90E-03	**78.00**	**0.04**
								Trucks Only	1.86E-03	**16.34**	**0.01**	--	--	3.59E-03	**31.44**	**0.02**	--	--	6.02E-03	**52.71**	**0.03**	--	--	8.90E-03	**78.00**	**0.04**
								Non-Trucks Only	1.28E-04	**1.12**	**0.00**	--	--	3.05E-03	**26.69**	**0.01**	--	--	5.15E-02	**451.25**	**0.23**	--	--	5.92E-02	**518.93**	**0.26**
								Total	1.99E-03	**17.46**	**0.01**	--	--	6.64E-03	**58.13**	**0.03**	--	--	5.75E-02	**503.95**	**0.25**	--	--	6.81E-02	**596.93**	**0.30**
SR-20 Westbound																									
Non-Trucks	DSL	175	1,884	1.17	205	2.28E-02	4.68E+00	1.31E-04	**1.15**	**0.00**	3.38E-02	6.93	1.94E-04	**1.70**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Trucks	DSL	1,308	1,884	1.17	1,531	4.45E-02	6.82E+01	1.90E-03	**16.67**	**0.01**	7.40E-02	113.24	3.16E-03	**27.70**	**0.01**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Non-Trucks	GAS	13,650	1,884	1.17	15,982	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	6.53E-03	104.43	2.92E-03	**25.55**	**0.01**	3.58E-02	5.72E+02	5.26E-02	**460.52**	**0.23**	4.12E-02	6.58E+02	6.05E-02	**529.59**	**0.26**
Trucks	GAS	489	1,884	1.17	572	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	3.13E-02	17.91	5.00E-04	**4.38**	**0.00**	1.17E-01	6.68E+01	6.14E-03	**53.79**	**0.03**	1.73E-01	9.89E+01	9.09E-03	**79.60**	**0.04**
								Trucks Only	1.90E-03	**16.67**	**0.01**	--	--	3.66E-03	**32.08**	**0.02**	--	--	6.14E-03	**53.79**	**0.03**	--	--	9.09E-03	**79.60**	**0.04**
								Non-Trucks Only	1.31E-04	**1.15**	**0.00**	--	--	3.11E-03	**27.24**	**0.01**	--	--	5.26E-02	**460.52**	**0.23**	--	--	6.05E-02	**529.59**	**0.26**
								Total	2.03E-03	**17.82**	**0.01**	--	--	6.77E-03	**59.32**	**0.03**	--	--	5.87E-02	**514.30**	**0.26**	--	--	6.95E-02	**609.19**	**0.30**

1. Estimated based on the EMFAC2021 emission rates and Caltrans data
2. Based on the modeled link length used in the AERMOD model.

TOG Due to Tailpipe Emissions - SR-20 Eastbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.68E-05	1.48E-01	1.44E-04	1.26E+00
Acrolein	0.13%	7.82E-06	6.85E-02	6.70E-05	5.87E-01
Benzene	2.47%	1.49E-04	1.30E+00	1.27E-03	1.11E+01
1,3-Butadiene	0.55%	3.31E-05	2.90E-01	2.83E-04	2.48E+00
Ethylbenzene	1.05%	6.32E-05	5.53E-01	5.41E-04	4.74E+00
Formaldehyde	1.58%	9.51E-05	8.33E-01	8.14E-04	7.13E+00
Hexane	1.60%	9.63E-05	8.43E-01	8.24E-04	7.22E+00
Methanol	0.12%	7.22E-06	6.32E-02	6.18E-05	5.41E-01
Methyl Ethyl Ketone	0.02%	1.20E-06	1.05E-02	1.03E-05	9.02E-02
Naphthalene	0.05%	3.01E-06	2.64E-02	2.58E-05	2.26E-01
Propylene	3.06%	1.84E-04	1.61E+00	1.58E-03	1.38E+01
Styrene	0.12%	7.22E-06	6.32E-02	6.18E-05	5.41E-01
Toluene	5.76%	3.47E-04	3.04E+00	2.97E-03	2.60E+01
Xylenes	4.80%	2.89E-04	2.53E+00	2.47E-03	2.17E+01

TOG Due to Evaporative Losses -SR-20 Eastbound

Toxic Compound	EMFAC Gasoline TOG Speciation[1]	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Benzene	0.36%	3.21E-05	2.81E-01	2.13E-04	1.87E+00
Ethylbenzene	0.12%	1.07E-05	9.36E-02	7.11E-05	6.23E-01
Hexane	1.54%	1.37E-04	1.20E+00	9.12E-04	7.99E+00
Toluene	1.70%	1.51E-04	1.33E+00	1.01E-03	8.82E+00
Xylenes	0.58%	5.16E-05	4.52E-01	3.44E-04	3.01E+00

Total TOG TACs - SR-20 Eastbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.68E-05	1.48E-01	1.44E-04	1.26E+00
Acrolein	0.13%	7.82E-06	6.85E-02	6.70E-05	5.87E-01
Benzene	2.47%	1.81E-04	1.58E+00	1.49E-03	1.30E+01
1,3-Butadiene	0.55%	3.31E-05	2.90E-01	2.83E-04	2.48E+00
Ethylbenzene	1.05%	7.39E-05	6.47E-01	6.12E-04	5.36E+00
Formaldehyde	1.58%	9.51E-05	8.33E-01	8.14E-04	7.13E+00
Hexane	1.60%	2.33E-04	2.04E+00	1.74E-03	1.52E+01
Methanol	0.12%	7.22E-06	6.32E-02	6.18E-05	5.41E-01
Methyl Ethyl Ketone	0.02%	1.20E-06	1.05E-02	1.03E-05	9.02E-02
Naphthalene	0.05%	3.01E-06	2.64E-02	2.58E-05	2.26E-01
Propylene	3.06%	1.84E-04	1.61E+00	1.58E-03	1.38E+01
Styrene	0.12%	7.22E-06	6.32E-02	6.18E-05	5.41E-01
Toluene	5.76%	4.98E-04	4.36E+00	3.97E-03	3.48E+01
Xylenes	4.80%	3.40E-04	2.98E+00	2.82E-03	2.47E+01

TOG Due to Tailpipe Emissions - SR-20 Westbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK2		NONTRCK2	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.72E-05	1.51E-01	1.47E-04	1.29E+00
Acrolein	0.13%	7.98E-06	6.99E-02	6.83E-05	5.99E-01
Benzene	2.47%	1.52E-04	1.33E+00	1.30E-03	1.14E+01

1,3-Butadiene	0.55%	3.38E-05	2.96E-01	2.89E-04	2.53E+00
Ethylbenzene	1.05%	6.45E-05	5.65E-01	5.52E-04	4.84E+00
Formaldehyde	1.58%	9.70E-05	8.50E-01	8.31E-04	7.28E+00
Hexane	1.60%	9.82E-05	8.61E-01	8.41E-04	7.37E+00
Methanol	0.12%	7.37E-06	6.45E-02	6.31E-05	5.53E-01
Methyl Ethyl Ketone	0.02%	1.23E-06	1.08E-02	1.05E-05	9.21E-02
Naphthalene	0.05%	3.07E-06	2.69E-02	2.63E-05	2.30E-01
Propylene	3.06%	1.88E-04	1.65E+00	1.61E-03	1.41E+01
Styrene	0.12%	7.37E-06	6.45E-02	6.31E-05	5.53E-01
Toluene	5.76%	3.54E-04	3.10E+00	3.03E-03	2.65E+01
Xylenes	4.80%	2.95E-04	2.58E+00	2.52E-03	2.21E+01

TOG Due to Evaporative Losses - SR-20 Westbound

Toxic Compound	EMFAC Gasoline TOG Speciation[1]	TRUCK2		NONTRCK2	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Benzene	0.36%	3.27E-05	2.87E-01	2.18E-04	1.91E+00
Ethylbenzene	0.12%	1.09E-05	9.55E-02	7.25E-05	6.36E-01
Hexane	1.54%	1.40E-04	1.23E+00	9.31E-04	8.16E+00
Toluene	1.70%	1.54E-04	1.35E+00	1.03E-03	9.00E+00
Xylenes	0.58%	5.27E-05	4.62E-01	3.51E-04	3.07E+00

Total TOG TACs - SR-20 Westbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK2		NONTRCK2	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.72E-05	1.51E-01	1.47E-04	1.29E+00
Acrolein	0.13%	7.98E-06	6.99E-02	6.83E-05	5.99E-01
Benzene	2.47%	1.84E-04	1.62E+00	1.52E-03	1.33E+01
1,3-Butadiene	0.55%	3.38E-05	2.96E-01	2.89E-04	2.53E+00
Ethylbenzene	1.05%	7.54E-05	6.60E-01	6.25E-04	5.47E+00
Formaldehyde	1.58%	9.70E-05	8.50E-01	8.31E-04	7.28E+00
Hexane	1.60%	2.38E-04	2.09E+00	1.77E-03	1.55E+01
Methanol	0.12%	7.37E-06	6.45E-02	6.31E-05	5.53E-01
Methyl Ethyl Ketone	0.02%	1.23E-06	1.08E-02	1.05E-05	9.21E-02
Naphthalene	0.05%	3.07E-06	2.69E-02	2.63E-05	2.30E-01
Propylene	3.06%	1.88E-04	1.65E+00	1.61E-03	1.41E+01
Styrene	0.12%	7.37E-06	6.45E-02	6.31E-05	5.53E-01
Toluene	5.76%	5.08E-04	4.45E+00	4.06E-03	3.55E+01
Xylenes	4.80%	3.47E-04	3.04E+00	2.87E-03	2.52E+01

PM2.5 Concentration

AERMOD Source	Emission Rate (g/s)	X/Q Rate	PM2.5 (ug/m3)
Truck1	4.52E-04	191.93	0.09
NonTruck1	3.84E-04	280.39	0.11
Truck2	4.61E-04	29.52	0.01
NonTruck2	3.92E-04	30.27	0.01
		Total Concentration	**0.22**

1 pound =	453.6	grams
1 year =	3.15E+07	seconds

Dorsey Marketplace Roadway HRA

Land Use Compatibility Health Risk Assessment - SR-20 TACs

Operational Health Risk - Roadway Emission Inventory

Vehicle Class	Fuel Type	Existing + Project (2022) Vehicle Volume[1]	Modeled Distance (meter)[2]	Modeled Distance (miles)	Daily VMT	DPM (PM2.5 - Exhaust as Surrogate)					PM2.5 - Total					TOG - Tailpipe					TOG - Evaporative				
						EF (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF Running (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF RunLoss (g/mi)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)
SR-20 Eastbound																									
Non-Trucks	DSL	182	1,884	1.17	213	2.28E-02	4.86E+00	1.36E-04	**1.19**	**0.00**	3.38E-02	7.19	2.01E-04	**1.76**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Trucks	DSL	1,356	1,884	1.17	1,587	4.45E-02	7.07E+01	1.97E-03	**17.28**	**0.01**	7.40E-02	117.40	3.28E-03	**28.72**	**0.01**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Non-Trucks	GAS	14,150	1,884	1.17	16,569	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	6.53E-03	108.26	3.02E-03	**26.48**	**0.01**	3.58E-02	5.93E+02	5.45E-02	**477.40**	**0.24**	4.12E-02	6.82E+02	6.27E-02	**549.01**	**0.27**
Trucks	GAS	517	1,884	1.17	605	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	3.13E-02	18.92	5.28E-04	**4.63**	**0.00**	1.17E-01	7.06E+01	6.49E-03	**56.84**	**0.03**	1.73E-01	1.05E+02	9.60E-03	**84.12**	**0.04**
									Trucks Only	**0.01**	--	--	3.81E-03	**33.35**	**0.02**	--	--	6.49E-03	**56.84**	**0.03**	--	--	9.60E-03	**84.12**	**0.04**
									Non-Trucks Only	**0.00**	--	--	3.22E-03	**28.24**	**0.01**	--	--	5.45E-02	**477.40**	**0.24**	--	--	6.27E-02	**549.01**	**0.27**
									Total	**0.01**	--	--	7.03E-03	**61.59**	**0.03**	--	--	6.10E-02	**534.25**	**0.27**	--	--	7.23E-02	**633.14**	**0.32**
SR-20 Westbound																									
Non-Trucks	DSL	185	1,884	1.17	217	2.28E-02	4.95E+00	1.38E-04	**1.21**	**0.00**	3.38E-02	7.33	2.05E-04	**1.79**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Trucks	DSL	1,382	1,884	1.17	1,618	4.45E-02	7.20E+01	2.01E-03	**17.62**	**0.01**	7.40E-02	119.67	3.34E-03	**29.27**	**0.01**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Non-Trucks	GAS	14,425	1,884	1.17	16,890	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	6.53E-03	110.36	3.08E-03	**27.00**	**0.01**	3.58E-02	6.05E+02	5.56E-02	**486.67**	**0.24**	4.12E-02	6.96E+02	6.39E-02	**559.67**	**0.28**
Trucks	GAS	517	1,884	1.17	605	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	3.13E-02	18.92	5.28E-04	**4.63**	**0.00**	1.17E-01	7.06E+01	6.49E-03	**56.84**	**0.03**	1.73E-01	1.05E+02	9.60E-03	**84.12**	**0.04**
									Trucks Only	**0.01**	--	--	3.87E-03	**33.90**	**0.02**	--	--	6.49E-03	**56.84**	**0.03**	--	--	9.60E-03	**84.12**	**0.04**
									Non-Trucks Only	**0.00**	--	--	3.29E-03	**28.79**	**0.01**	--	--	5.56E-02	**486.67**	**0.24**	--	--	6.39E-02	**559.67**	**0.28**
									Total	**0.01**	--	--	7.16E-03	**62.69**	**0.03**	--	--	6.20E-02	**543.52**	**0.27**	--	--	7.35E-02	**643.79**	**0.32**

1. Estimated based on the EMFAC2021 emission rates and Caltrans data
2. Based on the modeled link length used in the AERMOD model.

TOG Due to Tailpipe Emissions - SR-20 Eastbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.82E-05	1.59E-01	1.53E-04	1.34E+00
Acrolein	0.13%	8.44E-06	7.39E-02	7.08E-05	6.21E-01
Benzene	2.47%	1.60E-04	1.40E+00	1.35E-03	1.18E+01
1,3-Butadiene	0.55%	3.57E-05	3.13E-01	3.00E-04	2.63E+00
Ethylbenzene	1.05%	6.81E-05	5.97E-01	5.72E-04	5.01E+00
Formaldehyde	1.58%	1.03E-04	8.98E-01	8.61E-04	7.54E+00
Hexane	1.60%	1.04E-04	9.10E-01	8.72E-04	7.64E+00
Methanol	0.12%	7.79E-06	6.82E-02	6.54E-05	5.73E-01
Methyl Ethyl Ketone	0.02%	1.30E-06	1.14E-02	1.09E-05	9.55E-02
Naphthalene	0.05%	3.24E-06	2.84E-02	2.72E-05	2.39E-01
Propylene	3.06%	1.99E-04	1.74E+00	1.67E-03	1.46E+01
Styrene	0.12%	7.79E-06	6.82E-02	6.54E-05	5.73E-01
Toluene	5.76%	3.74E-04	3.27E+00	3.14E-03	2.75E+01
Xylenes	4.80%	3.11E-04	2.73E+00	2.62E-03	2.29E+01

TOG Due to Evaporative Losses - SR-20 Eastbound

Toxic Compound	EMFAC Gasoline TOG Speciation[1]	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Benzene	0.36%	3.46E-05	3.03E-01	2.26E-04	1.98E+00
Ethylbenzene	0.12%	1.15E-05	1.01E-01	7.52E-05	6.59E-01
Hexane	1.54%	1.48E-04	1.30E+00	9.65E-04	8.45E+00
Toluene	1.70%	1.63E-04	1.43E+00	1.07E-03	9.33E+00
Xylenes	0.58%	5.57E-05	4.88E-01	3.64E-04	3.18E+00

Total TOG TACs - SR-20 Eastbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.82E-05	1.59E-01	1.53E-04	1.34E+00
Acrolein	0.13%	8.44E-06	7.39E-02	7.08E-05	6.21E-01
Benzene	2.47%	1.95E-04	1.71E+00	1.57E-03	1.38E+01
1,3-Butadiene	0.55%	3.57E-05	3.13E-01	3.00E-04	2.63E+00
Ethylbenzene	1.05%	7.97E-05	6.98E-01	6.47E-04	5.67E+00
Formaldehyde	1.58%	1.03E-04	8.98E-01	8.61E-04	7.54E+00
Hexane	1.60%	2.52E-04	2.21E+00	1.84E-03	1.61E+01
Methanol	0.12%	7.79E-06	6.82E-02	6.54E-05	5.73E-01
Methyl Ethyl Ketone	0.02%	1.30E-06	1.14E-02	1.09E-05	9.55E-02
Naphthalene	0.05%	3.24E-06	2.84E-02	2.72E-05	2.39E-01
Propylene	3.06%	1.99E-04	1.74E+00	1.67E-03	1.46E+01
Styrene	0.12%	7.79E-06	6.82E-02	6.54E-05	5.73E-01
Toluene	5.76%	5.37E-04	4.70E+00	4.20E-03	3.68E+01
Xylenes	4.80%	3.67E-04	3.22E+00	2.98E-03	2.61E+01

TOG Due to Tailpipe Emissions - SR-20 Westbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK2		NONTRCK2	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.82E-05	1.59E-01	1.56E-04	1.36E+00
Acrolein	0.13%	8.44E-06	7.39E-02	7.22E-05	6.33E-01
Benzene	2.47%	1.60E-04	1.40E+00	1.37E-03	1.20E+01

1,3-Butadiene	0.55%	3.57E-05	3.13E-01	3.06E-04	2.68E+00
Ethylbenzene	1.05%	6.81E-05	5.97E-01	5.83E-04	5.11E+00
Formaldehyde	1.58%	1.03E-04	8.98E-01	8.78E-04	7.69E+00
Hexane	1.60%	1.04E-04	9.10E-01	8.89E-04	7.79E+00
Methanol	0.12%	7.79E-06	6.82E-02	6.67E-05	5.84E-01
Methyl Ethyl Ketone	0.02%	1.30E-06	1.14E-02	1.11E-05	9.73E-02
Naphthalene	0.05%	3.24E-06	2.84E-02	2.78E-05	2.43E-01
Propylene	3.06%	1.99E-04	1.74E+00	1.70E-03	1.49E+01
Styrene	0.12%	7.79E-06	6.82E-02	6.67E-05	5.84E-01
Toluene	5.76%	3.74E-04	3.27E+00	3.20E-03	2.80E+01
Xylenes	4.80%	3.11E-04	2.73E+00	2.67E-03	2.34E+01

TOG Due to Evaporative Losses - SR-20 Westbound

Toxic Compound	EMFAC Gasoline TOG Speciation[1]	TRUCK2 Emissions (lb/hr)	TRUCK2 Emissions (lb/yr)	NONTRCK2 Emissions (lb/hr)	NONTRCK2 Emissions (lb/yr)
Benzene	0.36%	3.46E-05	3.03E-01	2.30E-04	2.01E+00
Ethylbenzene	0.12%	1.15E-05	1.01E-01	7.67E-05	6.72E-01
Hexane	1.54%	1.48E-04	1.30E+00	9.84E-04	8.62E+00
Toluene	1.70%	1.63E-04	1.43E+00	1.09E-03	9.51E+00
Xylenes	0.58%	5.57E-05	4.88E-01	3.71E-04	3.25E+00

Total TOG TACs - SR-20 Westbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK2 Emissions (lb/hr)	TRUCK2 Emissions (lb/yr)	NONTRCK2 Emissions (lb/hr)	NONTRCK2 Emissions (lb/yr)
Acetaldehyde	0.28%	1.82E-05	1.59E-01	1.56E-04	1.36E+00
Acrolein	0.13%	8.44E-06	7.39E-02	7.22E-05	6.33E-01
Benzene	2.47%	1.95E-04	1.71E+00	1.60E-03	1.40E+01
1,3-Butadiene	0.55%	3.57E-05	3.13E-01	3.06E-04	2.68E+00
Ethylbenzene	1.05%	7.97E-05	6.98E-01	6.60E-04	5.78E+00
Formaldehyde	1.58%	1.03E-04	8.98E-01	8.78E-04	7.69E+00
Hexane	1.60%	2.52E-04	2.21E+00	1.87E-03	1.64E+01
Methanol	0.12%	7.79E-06	6.82E-02	6.67E-05	5.84E-01
Methyl Ethyl Ketone	0.02%	1.30E-06	1.14E-02	1.11E-05	9.73E-02
Naphthalene	0.05%	3.24E-06	2.84E-02	2.78E-05	2.43E-01
Propylene	3.06%	1.99E-04	1.74E+00	1.70E-03	1.49E+01
Styrene	0.12%	7.79E-06	6.82E-02	6.67E-05	5.84E-01
Toluene	5.76%	5.37E-04	4.70E+00	4.29E-03	3.75E+01
Xylenes	4.80%	3.67E-04	3.22E+00	3.04E-03	2.66E+01

PM2.5 Concentration

AERMOD Source	Emission Rate (g/s	X/Q Rate	PM2.5 (ug/m3)
Truck1	4.80E-04	191.93	0.09
NonTruck1	4.06E-04	280.39	0.11
Truck2	4.88E-04	29.52	0.01
NonTruck2	4.14E-04	30.27	0.01
		Total Concentration	**0.23**

1 pound =	453.6	grams
1 year =	3.15E+07	seconds

Dorsey Marketplace Roadway HRA

Land Use Compatibility Health Risk Assessment - SR-20 TACs

Operational Health Risk - Roadway Emission Inventory

Vehicle Class	Fuel Type	Cumulative (2035) Vehicle Volume[1,2]	Modeled Distance (meter)[3]	Modeled Distance (miles)	Daily VMT	DPM (PM2.5 - Exhaust as Surrogate)					PM2.5 - Total					TOG - Tailpipe					TOG - Evaporative				
						EF (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF Running (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF RunLoss (g/mi)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)
SR-20 Eastbound																									
Non-Trucks	DSL	184	1,884	1.17	215	2.28E-02	4.91E+00	1.37E-04	**1.20**	**0.00**	3.38E-02	7.27	2.03E-04	**1.78**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Trucks	DSL	1,371	1,884	1.17	1,605	4.45E-02	7.15E+01	2.00E-03	**17.48**	**0.01**	7.40E-02	118.73	3.32E-03	**29.04**	**0.01**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Non-Trucks	GAS	14,311	1,884	1.17	16,757	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	6.53E-03	109.49	3.06E-03	**26.78**	**0.01**	3.58E-02	6.00E+02	5.51E-02	**482.84**	**0.24**	4.12E-02	6.90E+02	6.34E-02	**555.26**	**0.28**
Trucks	GAS	513	1,884	1.17	600	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	3.13E-02	18.78	5.24E-04	**4.59**	**0.00**	1.17E-01	7.01E+01	6.44E-03	**56.40**	**0.03**	1.73E-01	1.04E+02	9.53E-03	**83.46**	**0.04**
									Trucks Only																
								2.00E-03	**17.48**	**0.01**	--	--	3.84E-03	**33.64**	**0.02**	--	--	6.44E-03	**56.40**	**0.03**	--	--	9.53E-03	**83.46**	**0.04**
									Non-Trucks Only																
								1.37E-04	**1.20**	**0.00**	--	--	3.26E-03	**28.56**	**0.01**	--	--	5.51E-02	**482.84**	**0.24**	--	--	6.34E-02	**555.26**	**0.28**
									Total																
								2.13E-03	**18.68**	**0.01**	--	--	7.10E-03	**62.20**	**0.03**	--	--	6.16E-02	**539.23**	**0.27**	--	--	7.29E-02	**638.72**	**0.32**
SR-20 Westbound																									
Non-Trucks	DSL	188	1,884	1.17	220	2.28E-02	5.01E+00	1.40E-04	**1.23**	**0.00**	3.38E-02	7.42	2.07E-04	**1.81**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Trucks	DSL	1,399	1,884	1.17	1,638	4.45E-02	7.29E+01	2.04E-03	**17.84**	**0.01**	7.40E-02	121.17	3.38E-03	**29.64**	**0.01**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Non-Trucks	GAS	14,605	1,884	1.17	17,101	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	6.53E-03	111.74	3.12E-03	**27.33**	**0.01**	3.58E-02	6.12E+02	5.63E-02	**492.75**	**0.25**	4.12E-02	7.04E+02	6.47E-02	**566.66**	**0.28**
Trucks	GAS	523	1,884	1.17	612	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	3.13E-02	19.16	5.35E-04	**4.69**	**0.00**	1.17E-01	7.15E+01	6.57E-03	**57.55**	**0.03**	1.73E-01	1.06E+02	9.72E-03	**85.17**	**0.04**
									Trucks Only																
								2.04E-03	**17.84**	**0.01**	--	--	3.92E-03	**34.33**	**0.02**	--	--	6.57E-03	**57.55**	**0.03**	--	--	9.72E-03	**85.17**	**0.04**
									Non-Trucks Only																
								1.40E-04	**1.23**	**0.00**	--	--	3.33E-03	**29.15**	**0.01**	--	--	5.63E-02	**492.75**	**0.25**	--	--	6.47E-02	**566.66**	**0.28**
									Total																
								2.18E-03	**19.06**	**0.01**	--	--	7.25E-03	**63.48**	**0.03**	--	--	6.28E-02	**550.31**	**0.28**	--	--	7.44E-02	**651.84**	**0.33**

1. Estimated based on the EMFAC2021 emission rates and Caltrans data
2. Because data showed negative growth -- also shown in Census data set that vols have significantly decreased between 2019 and 2022, a 0.5% growth rate assumed for future AADT
3. Based on the modeled link length used in the AERMOD model.

TOG Due to Tailpipe Emissions - SR-20 Eastbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.80E-05	1.58E-01	1.54E-04	1.35E+00
Acrolein	0.13%	8.37E-06	7.33E-02	7.17E-05	6.28E-01
Benzene	2.47%	1.59E-04	1.39E+00	1.36E-03	1.19E+01
1,3-Butadiene	0.55%	3.54E-05	3.10E-01	3.03E-04	2.66E+00
Ethylbenzene	1.05%	6.76E-05	5.92E-01	5.79E-04	5.07E+00
Formaldehyde	1.58%	1.02E-04	8.91E-01	8.71E-04	7.63E+00
Hexane	1.60%	1.03E-04	9.02E-01	8.82E-04	7.73E+00
Methanol	0.12%	7.73E-06	6.77E-02	6.61E-05	5.79E-01
Methyl Ethyl Ketone	0.02%	1.29E-06	1.13E-02	1.10E-05	9.66E-02
Naphthalene	0.05%	3.22E-06	2.82E-02	2.76E-05	2.41E-01
Propylene	3.06%	1.97E-04	1.73E+00	1.69E-03	1.48E+01
Styrene	0.12%	7.73E-06	6.77E-02	6.61E-05	5.79E-01
Toluene	5.76%	3.71E-04	3.25E+00	3.17E-03	2.78E+01
Xylenes	4.80%	3.09E-04	2.71E+00	2.65E-03	2.32E+01

TOG Due to Evaporative Losses - SR-20 Eastbound

Toxic Compound	EMFAC Gasoline TOG Speciation[1]	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Benzene	0.36%	3.43E-05	3.00E-01	2.28E-04	2.00E+00
Ethylbenzene	0.12%	1.14E-05	1.00E-01	7.61E-05	6.66E-01
Hexane	1.54%	1.47E-04	1.29E+00	9.76E-04	8.55E+00
Toluene	1.70%	1.62E-04	1.42E+00	1.08E-03	9.44E+00
Xylenes	0.58%	5.53E-05	4.84E-01	3.68E-04	3.22E+00

Total TOG TACs -SR-20 Eastbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.80E-05	1.58E-01	1.54E-04	1.35E+00
Acrolein	0.13%	8.37E-06	7.33E-02	7.17E-05	6.28E-01
Benzene	2.47%	1.93E-04	1.69E+00	1.59E-03	1.39E+01
1,3-Butadiene	0.55%	3.54E-05	3.10E-01	3.03E-04	2.66E+00
Ethylbenzene	1.05%	7.90E-05	6.92E-01	6.55E-04	5.74E+00
Formaldehyde	1.58%	1.02E-04	8.91E-01	8.71E-04	7.63E+00
Hexane	1.60%	2.50E-04	2.19E+00	1.86E-03	1.63E+01
Methanol	0.12%	7.73E-06	6.77E-02	6.61E-05	5.79E-01
Methyl Ethyl Ketone	0.02%	1.29E-06	1.13E-02	1.10E-05	9.66E-02
Naphthalene	0.05%	3.22E-06	2.82E-02	2.76E-05	2.41E-01
Propylene	3.06%	1.97E-04	1.73E+00	1.69E-03	1.48E+01
Styrene	0.12%	7.73E-06	6.77E-02	6.61E-05	5.79E-01
Toluene	5.76%	5.33E-04	4.67E+00	4.25E-03	3.73E+01
Xylenes	4.80%	3.64E-04	3.19E+00	3.01E-03	2.64E+01

TOG Due to Tailpipe Emissions - SR-20 Westbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK2		NONTRCK2	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.84E-05	1.61E-01	1.58E-04	1.38E+00
Acrolein	0.13%	8.54E-06	7.48E-02	7.31E-05	6.41E-01
Benzene	2.47%	1.62E-04	1.42E+00	1.39E-03	1.22E+01
1,3-Butadiene	0.55%	3.61E-05	3.17E-01	3.09E-04	2.71E+00

Ethylbenzene	1.05%	6.90E-05	6.04E-01	5.91E-04	5.17E+00
Formaldehyde	1.58%	1.04E-04	9.09E-01	8.89E-04	7.79E+00
Hexane	1.60%	1.05E-04	9.21E-01	9.00E-04	7.88E+00
Methanol	0.12%	7.88E-06	6.91E-02	6.75E-05	5.91E-01
Methyl Ethyl Ketone	0.02%	1.31E-06	1.15E-02	1.13E-05	9.86E-02
Naphthalene	0.05%	3.29E-06	2.88E-02	2.81E-05	2.46E-01
Propylene	3.06%	2.01E-04	1.76E+00	1.72E-03	1.51E+01
Styrene	0.12%	7.88E-06	6.91E-02	6.75E-05	5.91E-01
Toluene	5.76%	3.78E-04	3.32E+00	3.24E-03	2.84E+01
Xylenes	4.80%	3.15E-04	2.76E+00	2.70E-03	2.37E+01

TOG Due to Evaporative Losses - SR-20 Westbound

		TRUCK2		NONTRCK2	
Toxic Compound	**EMFAC Gasoline TOG Speciation[1]**	**Emissions (lb/hr)**	**Emissions (lb/yr)**	**Emissions (lb/hr)**	**Emissions (lb/yr)**
Benzene	0.36%	3.50E-05	3.07E-01	2.33E-04	2.04E+00
Ethylbenzene	0.12%	1.17E-05	1.02E-01	7.76E-05	6.80E-01
Hexane	1.54%	1.50E-04	1.31E+00	9.96E-04	8.73E+00
Toluene	1.70%	1.65E-04	1.45E+00	1.10E-03	9.63E+00
Xylenes	0.58%	5.64E-05	4.94E-01	3.75E-04	3.29E+00

Total TOG TACs - SR-20 Westbound

		TRUCK2		NONTRCK2	
TAC	**EMFAC Gasoline TOG Speciation1**	**Emissions (lb/hr)**	**Emissions (lb/yr)**	**Emissions (lb/hr)**	**Emissions (lb/yr)**
Acetaldehyde	0.28%	1.84E-05	1.61E-01	1.58E-04	1.38E+00
Acrolein	0.13%	8.54E-06	7.48E-02	7.31E-05	6.41E-01
Benzene	2.47%	1.97E-04	1.73E+00	1.62E-03	1.42E+01
1,3-Butadiene	0.55%	3.61E-05	3.17E-01	3.09E-04	2.71E+00
Ethylbenzene	1.05%	8.07E-05	7.07E-01	6.68E-04	5.85E+00
Formaldehyde	1.58%	1.04E-04	9.09E-01	8.89E-04	7.79E+00
Hexane	1.60%	2.55E-04	2.23E+00	1.90E-03	1.66E+01
Methanol	0.12%	7.88E-06	6.91E-02	6.75E-05	5.91E-01
Methyl Ethyl Ketone	0.02%	1.31E-06	1.15E-02	1.13E-05	9.86E-02
Naphthalene	0.05%	3.29E-06	2.88E-02	2.81E-05	2.46E-01
Propylene	3.06%	2.01E-04	1.76E+00	1.72E-03	1.51E+01
Styrene	0.12%	7.88E-06	6.91E-02	6.75E-05	5.91E-01
Toluene	5.76%	5.44E-04	4.76E+00	4.34E-03	3.80E+01
Xylenes	4.80%	3.72E-04	3.26E+00	3.08E-03	2.69E+01

PM2.5 Concentration

AERMOD Source	**Emission Rate (g/s**	**X/Q Rate**	**PM2.5 (ug/m3)**
Truck1	4.84E-04	191.93	0.09
NonTruck1	4.11E-04	280.39	0.12
Truck2	4.94E-04	29.52	0.01
NonTruck2	4.19E-04	30.27	0.01
		Total Concentration	**0.24**

1 pound = 453.6 grams
1 year = 3.15E+07 seconds

Dorsey Marketplace Roadway HRA

Land Use Compatibility Health Risk Assessment - SR-20 TACs

Operational Health Risk - Roadway Emission Inventory

Vehicle Class	Fuel Type	Cumulative + Project (2035) Vehicle Volume[1,2]	Modeled Distance (meter)[3]	Modeled Distance (miles)	Daily VMT	DPM (PM2.5 - Exhaust as Surrogate)					PM2.5 - Total					TOG - Tailpipe					TOG - Evaporative				
						EF (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF Running (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)	EF RunLoss (g/mi)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	Emission (ton/yr)
SR-20 Eastbound																									
Non-Trucks	DSL	194	1,884	1.17	227	2.28E-02	5.18E+00	1.45E-04	**1.27**	**0.00**	3.38E-02	7.66	2.14E-04	**1.87**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Trucks	DSL	1,445	1,884	1.17	1,692	4.45E-02	7.53E+01	2.10E-03	**18.43**	**0.01**	7.40E-02	125.16	3.50E-03	**30.62**	**0.02**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Non-Trucks	GAS	15,086	1,884	1.17	17,665	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	6.53E-03	115.42	3.22E-03	**28.23**	**0.01**	3.58E-02	6.33E+02	5.81E-02	**508.99**	**0.25**	4.12E-02	7.27E+02	6.68E-02	**585.34**	**0.29**
Trucks	GAS	540	1,884	1.17	633	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	3.13E-02	19.79	5.53E-04	**4.84**	**0.00**	1.17E-01	7.39E+01	6.79E-03	**59.45**	**0.03**	1.73E-01	1.09E+02	1.00E-02	**87.98**	**0.04**
								Trucks Only	2.10E-03	**18.43**	**0.01**	--	--	4.05E-03	**35.46**	**0.02**	--	--	6.79E-03	**59.45**	**0.03**	--	--	1.00E-02	**87.98**	**0.04**
								Non-Trucks Only	1.45E-04	**1.27**	**0.00**	--	--	3.44E-03	**30.11**	**0.02**	--	--	5.81E-02	**508.99**	**0.25**	--	--	6.68E-02	**585.34**	**0.29**
								Total	2.25E-03	**19.69**	**0.01**	--	--	7.48E-03	**65.57**	**0.03**	--	--	6.49E-02	**568.44**	**0.28**	--	--	7.69E-02	**673.32**	**0.34**
SR-20 Westbound																									
Non-Trucks	DSL	197	1,884	1.17	231	2.28E-02	5.28E+00	1.47E-04	**1.29**	**0.00**	3.38E-02	7.81	2.18E-04	**1.91**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Trucks	DSL	1,473	1,884	1.17	1,725	4.45E-02	7.68E+01	2.14E-03	**18.79**	**0.01**	7.40E-02	127.60	3.56E-03	**31.21**	**0.02**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**
Non-Trucks	GAS	15,380	1,884	1.17	18,009	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	6.53E-03	117.67	3.29E-03	**28.78**	**0.01**	3.58E-02	6.45E+02	5.92E-02	**518.91**	**0.26**	4.12E-02	7.42E+02	6.81E-02	**596.74**	**0.30**
Trucks	GAS	551	1,884	1.17	645	0.00E+00	0.00E+00	0.00E+00	**0.00**	**0.00**	3.13E-02	20.18	5.63E-04	**4.94**	**0.00**	1.17E-01	7.53E+01	6.92E-03	**60.61**	**0.03**	1.73E-01	1.11E+02	1.02E-02	**89.70**	**0.04**
								Trucks Only	2.14E-03	**18.79**	**0.01**	--	--	4.13E-03	**36.15**	**0.02**	--	--	6.92E-03	**60.61**	**0.03**	--	--	1.02E-02	**89.70**	**0.04**
								Non-Trucks Only	1.47E-04	**1.29**	**0.00**	--	--	3.50E-03	**30.70**	**0.02**	--	--	5.92E-02	**518.91**	**0.26**	--	--	6.81E-02	**596.74**	**0.30**
								Total	2.29E-03	**20.08**	**0.01**	--	--	7.63E-03	**66.85**	**0.03**	--	--	6.62E-02	**579.52**	**0.29**	--	--	7.84E-02	**686.44**	**0.34**

1. Estimated based on the EMFAC2021 emission rates and Caltrans data
2. Because data showed negative growth – also shown in Census data set that vols have significantly decreased between 2019 and 2022, a 0.5% growth rate assumed for future AADT
3. Based on the modeled link length used in the AERMOD model.

TOG Due to Tailpipe Emissions - SR-20 Eastbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.90E-05	1.66E-01	1.63E-04	1.43E+00
Acrolein	0.13%	8.82E-06	7.73E-02	7.55E-05	6.62E-01
Benzene	2.47%	1.68E-04	1.47E+00	1.44E-03	1.26E+01
1,3-Butadiene	0.55%	3.73E-05	3.27E-01	3.20E-04	2.80E+00
Ethylbenzene	1.05%	7.13E-05	6.24E-01	6.10E-04	5.34E+00
Formaldehyde	1.58%	1.07E-04	9.39E-01	9.18E-04	8.04E+00
Hexane	1.60%	1.09E-04	9.51E-01	9.30E-04	8.14E+00
Methanol	0.12%	8.14E-06	7.13E-02	6.97E-05	6.11E-01
Methyl Ethyl Ketone	0.02%	1.36E-06	1.19E-02	1.16E-05	1.02E-01
Naphthalene	0.05%	3.39E-06	2.97E-02	2.91E-05	2.54E-01
Propylene	3.06%	2.08E-04	1.82E+00	1.78E-03	1.56E+01
Styrene	0.12%	8.14E-06	7.13E-02	6.97E-05	6.11E-01
Toluene	5.76%	3.91E-04	3.42E+00	3.35E-03	2.93E+01
Xylenes	4.80%	3.26E-04	2.85E+00	2.79E-03	2.44E+01

TOG Due to Evaporative Losses - SR-20 Eastbound

Toxic Compound	EMFAC Gasoline TOG Speciation[1]	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Benzene	0.36%	3.62E-05	3.17E-01	2.41E-04	2.11E+00
Ethylbenzene	0.12%	1.21E-05	1.06E-01	8.02E-05	7.02E-01
Hexane	1.54%	1.55E-04	1.35E+00	1.03E-03	9.01E+00
Toluene	1.70%	1.71E-04	1.50E+00	1.14E-03	9.95E+00
Xylenes	0.58%	5.83E-05	5.10E-01	3.88E-04	3.39E+00

Total TOG TACs - SR-20 Eastbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK1		NONTRCK1	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.90E-05	1.66E-01	1.63E-04	1.43E+00
Acrolein	0.13%	8.82E-06	7.73E-02	7.55E-05	6.62E-01
Benzene	2.47%	2.04E-04	1.79E+00	1.68E-03	1.47E+01
1,3-Butadiene	0.55%	3.73E-05	3.27E-01	3.20E-04	2.80E+00
Ethylbenzene	1.05%	8.33E-05	7.30E-01	6.90E-04	6.05E+00
Formaldehyde	1.58%	1.07E-04	9.39E-01	9.18E-04	8.04E+00
Hexane	1.60%	2.63E-04	2.31E+00	1.96E-03	1.72E+01
Methanol	0.12%	8.14E-06	7.13E-02	6.97E-05	6.11E-01
Methyl Ethyl Ketone	0.02%	1.36E-06	1.19E-02	1.16E-05	1.02E-01
Naphthalene	0.05%	3.39E-06	2.97E-02	2.91E-05	2.54E-01
Propylene	3.06%	2.08E-04	1.82E+00	1.78E-03	1.56E+01
Styrene	0.12%	8.14E-06	7.13E-02	6.97E-05	6.11E-01
Toluene	5.76%	5.62E-04	4.92E+00	4.48E-03	3.93E+01
Xylenes	4.80%	3.84E-04	3.36E+00	3.18E-03	2.78E+01

TOG Due to Tailpipe Emissions - SR-20 Westbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK2		NONTRCK2	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.94E-05	1.70E-01	1.66E-04	1.45E+00
Acrolein	0.13%	8.99E-06	7.88E-02	7.70E-05	6.75E-01
Benzene	2.47%	1.71E-04	1.50E+00	1.46E-03	1.28E+01
1,3-Butadiene	0.55%	3.81E-05	3.33E-01	3.26E-04	2.85E+00
Ethylbenzene	1.05%	7.26E-05	6.36E-01	6.22E-04	5.45E+00
Formaldehyde	1.58%	1.09E-04	9.58E-01	9.36E-04	8.20E+00

Hexane	1.60%	1.11E-04	9.70E-01	9.48E-04	8.30E+00
Methanol	0.12%	8.30E-06	7.27E-02	7.11E-05	6.23E-01
Methyl Ethyl Ketone	0.02%	1.38E-06	1.21E-02	1.18E-05	1.04E-01
Naphthalene	0.05%	3.46E-06	3.03E-02	2.96E-05	2.59E-01
Propylene	3.06%	2.12E-04	1.85E+00	1.81E-03	1.59E+01
Styrene	0.12%	8.30E-06	7.27E-02	7.11E-05	6.23E-01
Toluene	5.76%	3.99E-04	3.49E+00	3.41E-03	2.99E+01
Xylenes	4.80%	3.32E-04	2.91E+00	2.84E-03	2.49E+01

TOG Due to Evaporative Losses - SR-20 Westbound

Toxic Compound	EMFAC Gasoline TOG Speciation[1]	TRUCK2		NONTRCK2	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Benzene	0.36%	3.69E-05	3.23E-01	2.45E-04	2.15E+00
Ethylbenzene	0.12%	1.23E-05	1.08E-01	8.17E-05	7.16E-01
Hexane	1.54%	1.58E-04	1.38E+00	1.05E-03	9.19E+00
Toluene	1.70%	1.74E-04	1.52E+00	1.16E-03	1.01E+01
Xylenes	0.58%	5.94E-05	5.20E-01	3.95E-04	3.46E+00

Total TOG TACs - SR-20 Westbound

TAC	EMFAC Gasoline TOG Speciation1	TRUCK2		NONTRCK2	
		Emissions (lb/hr)	Emissions (lb/yr)	Emissions (lb/hr)	Emissions (lb/yr)
Acetaldehyde	0.28%	1.94E-05	1.70E-01	1.66E-04	1.45E+00
Acrolein	0.13%	8.99E-06	7.88E-02	7.70E-05	6.75E-01
Benzene	2.47%	2.08E-04	1.82E+00	1.71E-03	1.50E+01
1,3-Butadiene	0.55%	3.81E-05	3.33E-01	3.26E-04	2.85E+00
Ethylbenzene	1.05%	8.49E-05	7.44E-01	7.04E-04	6.16E+00
Formaldehyde	1.58%	1.09E-04	9.58E-01	9.36E-04	8.20E+00
Hexane	1.60%	2.68E-04	2.35E+00	2.00E-03	1.75E+01
Methanol	0.12%	8.30E-06	7.27E-02	7.11E-05	6.23E-01
Methyl Ethyl Ketone	0.02%	1.38E-06	1.21E-02	1.18E-05	1.04E-01
Naphthalene	0.05%	3.46E-06	3.03E-02	2.96E-05	2.59E-01
Propylene	3.06%	2.12E-04	1.85E+00	1.81E-03	1.59E+01
Styrene	0.12%	8.30E-06	7.27E-02	7.11E-05	6.23E-01
Toluene	5.76%	5.73E-04	5.02E+00	4.57E-03	4.00E+01
Xylenes	4.80%	3.91E-04	3.43E+00	3.24E-03	2.84E+01

PM2.5 Concentration

AERMOD Source	Emission Rate (g/s)	X/Q Rate	PM2.5 (ug/m3)
Truck1	5.10E-04	191.93	0.10
NonTruck1	4.33E-04	280.39	0.12
Truck2	5.20E-04	29.52	0.02
NonTruck2	4.41E-04	30.27	0.01
		Total Concentration	**0.25**

1 pound = 453.6 grams
1 year = 3.15E+07 seconds

Item # 11.

Existing (2022)

Roadway Parameters	ADT	DSL Trucks	DSL Non-Trucks	Gas Trucks	Gas Non-Trucks	Link Length (km)	Plume Width (m)	Link Length (ft)	Link Length (m)
SR 20 Eastbound	15,307	1,281	172	479	13,375	1	15	6,181	1884.00
SR 20 Westbound	15,621	1,308	175	489	13,650	1	15	6,181	1884.00

		Percentage
Trucks	1,453	0.094927852
Non Trucks	13,854	0.905072148

	Old CalEEMod
Trips	8872.67
On SR 20/40	1774.53

Existing (2022) + Project

Roadway Parameters	ADT	DSL Trucks	DSL Non-Trucks	Gas Trucks	Gas Non-Trucks	Link Length (km)	Plume Width (m)	Link Length (ft)	Link Length (m)
SR 20 Eastbound	16,194	1,356	182	507	14,150	1	15	6,181	1884.00
SR 20 Westbound	16,509	1,382	185	517	14,425	1	15	6,181	1884.00

		Percentage
Trucks	1,537	0.094927852
Non Trucks	14,657	0.905072148

Cumulative (2035)

Roadway Parameters	ADT	DSL Trucks	DSL Non-Trucks	Gas Trucks	Gas Non-Trucks	Link Length (km)	Plume Width (m)	Link Length (ft)	Link Length (m)
SR 20 Eastbound	16,378	1,371	184	513	14,311	1	15	6,181	1884.00
SR 20 Westbound	16,715	1,399	188	523	14,605	1	15	6,181	1884.00

		Percentage
Trucks	1,587	0.094927852
Non Trucks	15,128	0.905072148

Cumulative (2035) + Project

Roadway Parameters	ADT	DSL Trucks	DSL Non-Trucks	Gas Trucks	Gas Non-Trucks	Link Length (km)	Plume Width (m)	Link Length (ft)	Link Length (m)
SR 20 Eastbound	17,266	1,445	194	540	15,086	1	15	6,181	1884.00
SR 20 Westbound	17,602	1,473	197	551	15,380	1	15	6,181	1884.00

		Percentage
Trucks	1,671	0.094927852
Non Trucks	15,931	0.905072148

	Truck	Non-Truck
Release Height (feet)	10	1.5
Release Height (m)	3.05	0.46
Initial Vertical Dimension (m)	6.10	0.91
*Per BAAQMD Guidance		

Existing (2022)	30,928
Existing (2022) + Project	32,703
Cumulative (2035)	33,093
Cumulative (2035) + Project	34,868

RESULTS

Existing (2022) (Receptor 1095)	
Cancer	22.02
Chronic	0.01
PM2.5	0.22
Existing (2022) + Project (Receptor 1095)	
Cancer	22.19
Chronic	0.01
PM2.5	0.23
Cumulative (2035) (Receptor 1095)	
Cancer	23.56
Chronic	0.01
PM2.5	0.24
Cumulative (2035) + Project (Receptor 1095)	
Cancer	23.73
Chronic	0.01
PM2.5	0.25

Project Impact (cumlative - existing)	
Cancer	0.17
Chronic	0.0004
PM2.5	0.01

Item # 11.

*HARP - HRACalc v22118 10/12/2023 2:09:40 PM - Cancer Risk - Input File: C:\Users\imcintire\Desktop\HARP2\9478_DORSEY_EXISTING_\hra\9478_DORSEY_EXISTING_HRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK
1095	ALL		668822.3	4344021	2.20E-05	30YrCancerDerived_InhSoilDermMMilk	2.20E-05
1060	ALL		668802.3	4344001	2.12E-05	30YrCancerDerived_InhSoilDermMMilk	2.12E-05
1028	ALL		668782.3	4343981	2.04E-05	30YrCancerDerived_InhSoilDermMMilk	2.04E-05
1679	ALL		669162.3	4344301	1.78E-05	30YrCancerDerived_InhSoilDermMMilk	1.78E-05
1294	ALL		668889.2	4344116	1.67E-05	30YrCancerDerived_InhSoilDermMMilk	1.67E-05
1418	ALL		668942.3	4344181	1.67E-05	30YrCancerDerived_InhSoilDermMMilk	1.67E-05
1131	ALL		668822.3	4344041	1.67E-05	30YrCancerDerived_InhSoilDermMMilk	1.67E-05
1725	ALL		669182.3	4344321	1.66E-05	30YrCancerDerived_InhSoilDermMMilk	1.66E-05
1094	ALL		668802.3	4344021	1.62E-05	30YrCancerDerived_InhSoilDermMMilk	1.62E-05
1375	ALL		668922.3	4344161	1.59E-05	30YrCancerDerived_InhSoilDermMMilk	1.59E-05
1548	ALL		669122.3	4344241	1.58E-05	30YrCancerDerived_InhSoilDermMMilk	1.58E-05
1590	ALL		669002.3	4344261	1.58E-05	30YrCancerDerived_InhSoilDermMMilk	1.58E-05
1059	ALL		668782.3	4344001	1.57E-05	30YrCancerDerived_InhSoilDermMMilk	1.57E-05
1027	ALL		668762.3	4343981	1.52E-05	30YrCancerDerived_InhSoilDermMMilk	1.52E-05
999	ALL		668742.3	4343961	1.46E-05	30YrCancerDerived_InhSoilDermMMilk	1.46E-05
1591	ALL		669142.3	4344261	1.46E-05	30YrCancerDerived_InhSoilDermMMilk	1.46E-05
742	ALL		668662.3	4343721	1.44E-05	30YrCancerDerived_InhSoilDermMMilk	1.44E-05
1505	ALL		668962.3	4344221	1.44E-05	30YrCancerDerived_InhSoilDermMMilk	1.44E-05
765	ALL		668682.3	4343741	1.43E-05	30YrCancerDerived_InhSoilDermMMilk	1.43E-05
1724	ALL		669042.3	4344321	1.42E-05	30YrCancerDerived_InhSoilDermMMilk	1.42E-05
787	ALL		668702.3	4343761	1.41E-05	30YrCancerDerived_InhSoilDermMMilk	1.41E-05
975	ALL		668722.3	4343941	1.41E-05	30YrCancerDerived_InhSoilDermMMilk	1.41E-05
1419	ALL		669082.3	4344181	1.41E-05	30YrCancerDerived_InhSoilDermMMilk	1.41E-05
1212	ALL		669002.3	4344081	1.38E-05	30YrCancerDerived_InhSoilDermMMilk	1.38E-05
1461	ALL		668942.3	4344201	1.38E-05	30YrCancerDerived_InhSoilDermMMilk	1.38E-05
1635	ALL		669162.3	4344281	1.37E-05	30YrCancerDerived_InhSoilDermMMilk	1.37E-05
903	ALL		668671.5	4343883	1.34E-05	30YrCancerDerived_InhSoilDermMMilk	1.34E-05
1462	ALL		669102.3	4344201	1.34E-05	30YrCancerDerived_InhSoilDermMMilk	1.34E-05
1417	ALL		668922.3	4344181	1.33E-05	30YrCancerDerived_InhSoilDermMMilk	1.33E-05
1254	ALL		669022.3	4344101	1.31E-05	30YrCancerDerived_InhSoilDermMMilk	1.31E-05
1680	ALL		669182.3	4344301	1.29E-05	30YrCancerDerived_InhSoilDermMMilk	1.29E-05
1093	ALL		668782.3	4344021	1.29E-05	30YrCancerDerived_InhSoilDermMMilk	1.29E-05
1589	ALL		668982.3	4344261	1.27E-05	30YrCancerDerived_InhSoilDermMMilk	1.27E-05
1506	ALL		669122.3	4344221	1.26E-05	30YrCancerDerived_InhSoilDermMMilk	1.26E-05
1726	ALL		669202.3	4344321	1.25E-05	30YrCancerDerived_InhSoilDermMMilk	1.25E-05
1058	ALL		668762.3	4344001	1.25E-05	30YrCancerDerived_InhSoilDermMMilk	1.25E-05
1295	ALL		669042.3	4344121	1.23E-05	30YrCancerDerived_InhSoilDermMMilk	1.23E-05
1547	ALL		668962.3	4344241	1.23E-05	30YrCancerDerived_InhSoilDermMMilk	1.23E-05
1026	ALL		668742.3	4343981	1.20E-05	30YrCancerDerived_InhSoilDermMMilk	1.20E-05
842	ALL		668602.3	4343821	1.18E-05	30YrCancerDerived_InhSoilDermMMilk	1.18E-05
1504	ALL		668942.3	4344221	1.18E-05	30YrCancerDerived_InhSoilDermMMilk	1.18E-05
1549	ALL		669142.3	4344241	1.18E-05	30YrCancerDerived_InhSoilDermMMilk	1.18E-05
1723	ALL		669022.3	4344321	1.17E-05	30YrCancerDerived_InhSoilDermMMilk	1.17E-05
1334	ALL		669062.3	4344141	1.16E-05	30YrCancerDerived_InhSoilDermMMilk	1.16E-05
998	ALL		668722.3	4343961	1.14E-05	30YrCancerDerived_InhSoilDermMMilk	1.14E-05
1460	ALL		668922.3	4344201	1.14E-05	30YrCancerDerived_InhSoilDermMMilk	1.14E-05
802	ALL		668562.3	4343781	1.14E-05	30YrCancerDerived_InhSoilDermMMilk	1.14E-05
743	ALL		668682.3	4343721	1.14E-05	30YrCancerDerived_InhSoilDermMMilk	1.14E-05
1678	ALL		669002.3	4344301	1.13E-05	30YrCancerDerived_InhSoilDermMMilk	1.13E-05
1376	ALL		669082.3	4344161	1.12E-05	30YrCancerDerived_InhSoilDermMMilk	1.12E-05
766	ALL		668702.3	4343741	1.12E-05	30YrCancerDerived_InhSoilDermMMilk	1.12E-05
1592	ALL		669162.3	4344261	1.11E-05	30YrCancerDerived_InhSoilDermMMilk	1.11E-05
788	ALL		668722.3	4343761	1.11E-05	30YrCancerDerived_InhSoilDermMMilk	1.11E-05
1634	ALL		668982.3	4344281	1.10E-05	30YrCancerDerived_InhSoilDermMMilk	1.10E-05
1130	ALL		668782.3	4344041	1.10E-05	30YrCancerDerived_InhSoilDermMMilk	1.10E-05
1420	ALL		669102.3	4344181	1.08E-05	30YrCancerDerived_InhSoilDermMMilk	1.08E-05
1213	ALL		669022.3	4344081	1.07E-05	30YrCancerDerived_InhSoilDermMMilk	1.07E-05
1092	ALL		668762.3	4344021	1.07E-05	30YrCancerDerived_InhSoilDermMMilk	1.07E-05
1636	ALL		669182.3	4344281	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05
1463	ALL		669122.3	4344201	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05
1057	ALL		668742.3	4344001	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05
1546	ALL		668942.3	4344241	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05
952	ALL		668682.3	4343921	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05
1681	ALL		669202.3	4344301	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05
1255	ALL		669042.3	4344101	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05
1727	ALL		669222.3	4344321	1.01E-05	30YrCancerDerived_InhSoilDermMMilk	1.01E-05
1503	ALL		668922.3	4344221	1.00E-05	30YrCancerDerived_InhSoilDermMMilk	1.00E-05
1025	ALL		668722.3	4343981	9.89E-06	30YrCancerDerived_InhSoilDermMMilk	9.89E-06
1722	ALL		669002.3	4344321	9.86E-06	30YrCancerDerived_InhSoilDermMMilk	9.86E-06
1211	ALL		668802.3	4344081	9.84E-06	30YrCancerDerived_InhSoilDermMMilk	9.84E-06
1507	ALL		669142.3	4344221	9.80E-06	30YrCancerDerived_InhSoilDermMMilk	9.80E-06
1677	ALL		668982.3	4344301	9.66E-06	30YrCancerDerived_InhSoilDermMMilk	9.66E-06
1170	ALL		668782.3	4344061	9.65E-06	30YrCancerDerived_InhSoilDermMMilk	9.65E-06
841	ALL		668582.3	4343821	9.54E-06	30YrCancerDerived_InhSoilDermMMilk	9.54E-06

821	ALL	668562.3	4343801	9.51E-06	30YrCancerDerived_InhSoilDermMMilk	9.51E-06
1296	ALL	669062.3	4344121	9.49E-06	30YrCancerDerived_InhSoilDermMMilk	9.49E-06
719	ALL	668682.3	4343701	9.49E-06	30YrCancerDerived_InhSoilDermMMilk	9.49E-06
1633	ALL	668962.3	4344281	9.42E-06	30YrCancerDerived_InhSoilDermMMilk	9.42E-06
1129	ALL	668762.3	4344041	9.39E-06	30YrCancerDerived_InhSoilDermMMilk	9.39E-06
744	ALL	668702.3	4343721	9.37E-06	30YrCancerDerived_InhSoilDermMMilk	9.37E-06
1550	ALL	669162.3	4344241	9.37E-06	30YrCancerDerived_InhSoilDermMMilk	9.37E-06
767	ALL	668722.3	4343741	9.27E-06	30YrCancerDerived_InhSoilDermMMilk	9.27E-06
1335	ALL	669082.3	4344141	9.16E-06	30YrCancerDerived_InhSoilDermMMilk	9.16E-06
860	ALL	668822.3	4343841	9.15E-06	30YrCancerDerived_InhSoilDermMMilk	9.15E-06
1091	ALL	668742.3	4344021	9.15E-06	30YrCancerDerived_InhSoilDermMMilk	9.15E-06
879	ALL	668842.3	4343861	9.09E-06	30YrCancerDerived_InhSoilDermMMilk	9.09E-06
1333	ALL	668842.3	4344141	9.08E-06	30YrCancerDerived_InhSoilDermMMilk	9.08E-06
1171	ALL	669022.3	4344061	9.04E-06	30YrCancerDerived_InhSoilDermMMilk	9.04E-06
1593	ALL	669182.3	4344261	8.95E-06	30YrCancerDerived_InhSoilDermMMilk	8.95E-06
974	ALL	668682.3	4343941	8.86E-06	30YrCancerDerived_InhSoilDermMMilk	8.86E-06
1056	ALL	668722.3	4344001	8.84E-06	30YrCancerDerived_InhSoilDermMMilk	8.84E-06
1253	ALL	668802.3	4344101	8.76E-06	30YrCancerDerived_InhSoilDermMMilk	8.76E-06
1377	ALL	669102.3	4344161	8.75E-06	30YrCancerDerived_InhSoilDermMMilk	8.75E-06
1210	ALL	668782.3	4344081	8.60E-06	30YrCancerDerived_InhSoilDermMMilk	8.60E-06
1637	ALL	669202.3	4344281	8.57E-06	30YrCancerDerived_InhSoilDermMMilk	8.57E-06
1721	ALL	668982.3	4344321	8.56E-06	30YrCancerDerived_InhSoilDermMMilk	8.56E-06
1214	ALL	669042.3	4344081	8.53E-06	30YrCancerDerived_InhSoilDermMMilk	8.53E-06
1421	ALL	669122.3	4344181	8.51E-06	30YrCancerDerived_InhSoilDermMMilk	8.51E-06
1728	ALL	669242.3	4344321	8.50E-06	30YrCancerDerived_InhSoilDermMMilk	8.50E-06
1682	ALL	669222.3	4344301	8.46E-06	30YrCancerDerived_InhSoilDermMMilk	8.46E-06
1169	ALL	668762.3	4344061	8.43E-06	30YrCancerDerived_InhSoilDermMMilk	8.43E-06
1676	ALL	668962.3	4344301	8.41E-06	30YrCancerDerived_InhSoilDermMMilk	8.41E-06
951	ALL	668662.3	4343921	8.35E-06	30YrCancerDerived_InhSoilDermMMilk	8.35E-06
1416	ALL	668862.3	4344181	8.34E-06	30YrCancerDerived_InhSoilDermMMilk	8.34E-06
441	ALL	668542.3	4343541	8.33E-06	30YrCancerDerived_InhSoilDermMMilk	8.33E-06
1464	ALL	669142.3	4344201	8.32E-06	30YrCancerDerived_InhSoilDermMMilk	8.32E-06
1632	ALL	668942.3	4344281	8.26E-06	30YrCancerDerived_InhSoilDermMMilk	8.26E-06
485	ALL	668562.3	4343561	8.24E-06	30YrCancerDerived_InhSoilDermMMilk	8.24E-06
1374	ALL	668842.3	4344161	8.19E-06	30YrCancerDerived_InhSoilDermMMilk	8.19E-06
1128	ALL	668742.3	4344041	8.19E-06	30YrCancerDerived_InhSoilDermMMilk	8.19E-06
720	ALL	668702.3	4343701	8.08E-06	30YrCancerDerived_InhSoilDermMMilk	8.08E-06
840	ALL	668562.3	4343821	8.01E-06	30YrCancerDerived_InhSoilDermMMilk	8.01E-06
1090	ALL	668722.3	4344021	7.99E-06	30YrCancerDerived_InhSoilDermMMilk	7.99E-06
1508	ALL	669162.3	4344221	7.98E-06	30YrCancerDerived_InhSoilDermMMilk	7.98E-06
745	ALL	668722.3	4343721	7.98E-06	30YrCancerDerived_InhSoilDermMMilk	7.98E-06
1256	ALL	669062.3	4344101	7.96E-06	30YrCancerDerived_InhSoilDermMMilk	7.96E-06
820	ALL	668542.3	4343801	7.96E-06	30YrCancerDerived_InhSoilDermMMilk	7.96E-06
904	ALL	668882.3	4343881	7.89E-06	30YrCancerDerived_InhSoilDermMMilk	7.89E-06
843	ALL	668822.3	4343821	7.89E-06	30YrCancerDerived_InhSoilDermMMilk	7.89E-06
926	ALL	668902.3	4343901	7.89E-06	30YrCancerDerived_InhSoilDermMMilk	7.89E-06
880	ALL	668862.3	4343861	7.85E-06	30YrCancerDerived_InhSoilDermMMilk	7.85E-06
1252	ALL	668782.3	4344101	7.77E-06	30YrCancerDerived_InhSoilDermMMilk	7.77E-06
1502	ALL	668882.3	4344221	7.75E-06	30YrCancerDerived_InhSoilDermMMilk	7.75E-06
1551	ALL	669182.3	4344241	7.72E-06	30YrCancerDerived_InhSoilDermMMilk	7.72E-06
1209	ALL	668762.3	4344081	7.64E-06	30YrCancerDerived_InhSoilDermMMilk	7.64E-06
1055	ALL	668702.3	4344001	7.63E-06	30YrCancerDerived_InhSoilDermMMilk	7.63E-06
1459	ALL	668862.3	4344201	7.58E-06	30YrCancerDerived_InhSoilDermMMilk	7.58E-06
1720	ALL	668962.3	4344321	7.57E-06	30YrCancerDerived_InhSoilDermMMilk	7.57E-06
1297	ALL	669082.3	4344121	7.55E-06	30YrCancerDerived_InhSoilDermMMilk	7.55E-06
973	ALL	668662.3	4343941	7.54E-06	30YrCancerDerived_InhSoilDermMMilk	7.54E-06
1168	ALL	668742.3	4344061	7.47E-06	30YrCancerDerived_InhSoilDermMMilk	7.47E-06
1675	ALL	668942.3	4344301	7.46E-06	30YrCancerDerived_InhSoilDermMMilk	7.46E-06
1415	ALL	668842.3	4344181	7.45E-06	30YrCancerDerived_InhSoilDermMMilk	7.45E-06
1594	ALL	669202.3	4344261	7.43E-06	30YrCancerDerived_InhSoilDermMMilk	7.43E-06
1172	ALL	669042.3	4344061	7.38E-06	30YrCancerDerived_InhSoilDermMMilk	7.38E-06
1336	ALL	669102.3	4344141	7.35E-06	30YrCancerDerived_InhSoilDermMMilk	7.35E-06
1631	ALL	668922.3	4344281	7.34E-06	30YrCancerDerived_InhSoilDermMMilk	7.34E-06
1729	ALL	669262.3	4344321	7.32E-06	30YrCancerDerived_InhSoilDermMMilk	7.32E-06
1373	ALL	668822.3	4344161	7.31E-06	30YrCancerDerived_InhSoilDermMMilk	7.31E-06
1683	ALL	669242.3	4344301	7.26E-06	30YrCancerDerived_InhSoilDermMMilk	7.26E-06
1127	ALL	668722.3	4344041	7.25E-06	30YrCancerDerived_InhSoilDermMMilk	7.25E-06
1638	ALL	669222.3	4344281	7.19E-06	30YrCancerDerived_InhSoilDermMMilk	7.19E-06
398	ALL	668542.3	4343521	7.19E-06	30YrCancerDerived_InhSoilDermMMilk	7.19E-06
1588	ALL	668902.3	4344261	7.19E-06	30YrCancerDerived_InhSoilDermMMilk	7.19E-06
442	ALL	668562.3	4343541	7.12E-06	30YrCancerDerived_InhSoilDermMMilk	7.12E-06
1378	ALL	669122.3	4344161	7.09E-06	30YrCancerDerived_InhSoilDermMMilk	7.09E-06
1089	ALL	668702.3	4344021	7.08E-06	30YrCancerDerived_InhSoilDermMMilk	7.08E-06
1293	ALL	668782.3	4344121	7.08E-06	30YrCancerDerived_InhSoilDermMMilk	7.08E-06
1545	ALL	668882.3	4344241	7.06E-06	30YrCancerDerived_InhSoilDermMMilk	7.06E-06
486	ALL	668582.3	4343561	7.06E-06	30YrCancerDerived_InhSoilDermMMilk	7.06E-06

721	ALL	668722.3	4343701	7.03E-06	30YrCancerDerived_InhSoilDermMMilk	7.03E-06
1422	ALL	669142.3	4344181	7.02E-06	30YrCancerDerived_InhSoilDermMMilk	7.02E-06
997	ALL	668662.3	4343961	6.99E-06	30YrCancerDerived_InhSoilDermMMilk	6.99E-06
1251	ALL	668762.3	4344101	6.97E-06	30YrCancerDerived_InhSoilDermMMilk	6.97E-06
905	ALL	668902.3	4343881	6.97E-06	30YrCancerDerived_InhSoilDermMMilk	6.97E-06
746	ALL	668742.3	4343721	6.97E-06	30YrCancerDerived_InhSoilDermMMilk	6.97E-06
859	ALL	668562.3	4343841	6.96E-06	30YrCancerDerived_InhSoilDermMMilk	6.96E-06
902	ALL	668602.3	4343881	6.94E-06	30YrCancerDerived_InhSoilDermMMilk	6.94E-06
1501	ALL	668862.3	4344221	6.94E-06	30YrCancerDerived_InhSoilDermMMilk	6.94E-06
927	ALL	668922.3	4343901	6.93E-06	30YrCancerDerived_InhSoilDermMMilk	6.93E-06
839	ALL	668542.3	4343821	6.93E-06	30YrCancerDerived_InhSoilDermMMilk	6.93E-06
844	ALL	668842.3	4343821	6.93E-06	30YrCancerDerived_InhSoilDermMMilk	6.93E-06
1465	ALL	669162.3	4344201	6.89E-06	30YrCancerDerived_InhSoilDermMMilk	6.89E-06
1215	ALL	669062.3	4344081	6.89E-06	30YrCancerDerived_InhSoilDermMMilk	6.89E-06
861	ALL	668862.3	4343841	6.88E-06	30YrCancerDerived_InhSoilDermMMilk	6.88E-06
1208	ALL	668742.3	4344081	6.86E-06	30YrCancerDerived_InhSoilDermMMilk	6.86E-06
1054	ALL	668682.3	4344001	6.83E-06	30YrCancerDerived_InhSoilDermMMilk	6.83E-06
1458	ALL	668842.3	4344201	6.82E-06	30YrCancerDerived_InhSoilDermMMilk	6.82E-06
1719	ALL	668942.3	4344321	6.78E-06	30YrCancerDerived_InhSoilDermMMilk	6.78E-06
976	ALL	668962.3	4343941	6.77E-06	30YrCancerDerived_InhSoilDermMMilk	6.77E-06
1414	ALL	668822.3	4344181	6.70E-06	30YrCancerDerived_InhSoilDermMMilk	6.70E-06
1167	ALL	668722.3	4344061	6.70E-06	30YrCancerDerived_InhSoilDermMMilk	6.70E-06
1509	ALL	669182.3	4344221	6.69E-06	30YrCancerDerived_InhSoilDermMMilk	6.69E-06
1674	ALL	668922.3	4344301	6.69E-06	30YrCancerDerived_InhSoilDermMMilk	6.69E-06
1630	ALL	668902.3	4344281	6.60E-06	30YrCancerDerived_InhSoilDermMMilk	6.60E-06
1372	ALL	668802.3	4344161	6.59E-06	30YrCancerDerived_InhSoilDermMMilk	6.59E-06
972	ALL	668642.3	4343941	6.59E-06	30YrCancerDerived_InhSoilDermMMilk	6.59E-06
1126	ALL	668702.3	4344041	6.53E-06	30YrCancerDerived_InhSoilDermMMilk	6.53E-06
1132	ALL	669042.3	4344041	6.51E-06	30YrCancerDerived_InhSoilDermMMilk	6.51E-06
1552	ALL	669202.3	4344241	6.49E-06	30YrCancerDerived_InhSoilDermMMilk	6.49E-06
1587	ALL	668882.3	4344261	6.48E-06	30YrCancerDerived_InhSoilDermMMilk	6.48E-06
1730	ALL	669282.3	4344321	6.45E-06	30YrCancerDerived_InhSoilDermMMilk	6.45E-06
1684	ALL	669262.3	4344301	6.41E-06	30YrCancerDerived_InhSoilDermMMilk	6.41E-06
1088	ALL	668682.3	4344021	6.41E-06	30YrCancerDerived_InhSoilDermMMilk	6.41E-06
1292	ALL	668762.3	4344121	6.39E-06	30YrCancerDerived_InhSoilDermMMilk	6.39E-06
1544	ALL	668862.3	4344241	6.38E-06	30YrCancerDerived_InhSoilDermMMilk	6.38E-06
1595	ALL	669222.3	4344261	6.37E-06	30YrCancerDerived_InhSoilDermMMilk	6.37E-06
1257	ALL	669082.3	4344101	6.35E-06	30YrCancerDerived_InhSoilDermMMilk	6.35E-06
901	ALL	668582.3	4343881	6.33E-06	30YrCancerDerived_InhSoilDermMMilk	6.33E-06
1250	ALL	668742.3	4344101	6.31E-06	30YrCancerDerived_InhSoilDermMMilk	6.31E-06
355	ALL	668542.3	4343501	6.30E-06	30YrCancerDerived_InhSoilDermMMilk	6.30E-06
687	ALL	668722.3	4343681	6.28E-06	30YrCancerDerived_InhSoilDermMMilk	6.28E-06
399	ALL	668562.3	4343521	6.27E-06	30YrCancerDerived_InhSoilDermMMilk	6.27E-06
1500	ALL	668842.3	4344221	6.27E-06	30YrCancerDerived_InhSoilDermMMilk	6.27E-06
1639	ALL	669242.3	4344281	6.27E-06	30YrCancerDerived_InhSoilDermMMilk	6.27E-06
312	ALL	668522.3	4343481	6.27E-06	30YrCancerDerived_InhSoilDermMMilk	6.27E-06
996	ALL	668642.3	4343961	6.26E-06	30YrCancerDerived_InhSoilDermMMilk	6.26E-06
878	ALL	668562.3	4343861	6.26E-06	30YrCancerDerived_InhSoilDermMMilk	6.26E-06
570	ALL	668642.3	4343601	6.26E-06	30YrCancerDerived_InhSoilDermMMilk	6.26E-06
443	ALL	668582.3	4343541	6.23E-06	30YrCancerDerived_InhSoilDermMMilk	6.23E-06
1298	ALL	669102.3	4344121	6.23E-06	30YrCancerDerived_InhSoilDermMMilk	6.23E-06
722	ALL	668742.3	4343701	6.22E-06	30YrCancerDerived_InhSoilDermMMilk	6.22E-06
1207	ALL	668722.3	4344081	6.21E-06	30YrCancerDerived_InhSoilDermMMilk	6.21E-06
925	ALL	668602.3	4343901	6.21E-06	30YrCancerDerived_InhSoilDermMMilk	6.21E-06
881	ALL	668902.3	4343861	6.21E-06	30YrCancerDerived_InhSoilDermMMilk	6.21E-06
487	ALL	668602.3	4343561	6.20E-06	30YrCancerDerived_InhSoilDermMMilk	6.20E-06
822	ALL	668842.3	4343801	6.19E-06	30YrCancerDerived_InhSoilDermMMilk	6.19E-06
747	ALL	668762.3	4343721	6.19E-06	30YrCancerDerived_InhSoilDermMMilk	6.19E-06
906	ALL	668922.3	4343881	6.18E-06	30YrCancerDerived_InhSoilDermMMilk	6.18E-06
858	ALL	668542.3	4343841	6.18E-06	30YrCancerDerived_InhSoilDermMMilk	6.18E-06
1457	ALL	668822.3	4344201	6.17E-06	30YrCancerDerived_InhSoilDermMMilk	6.17E-06
862	ALL	668882.3	4343841	6.15E-06	30YrCancerDerived_InhSoilDermMMilk	6.15E-06
1173	ALL	669062.3	4344061	6.14E-06	30YrCancerDerived_InhSoilDermMMilk	6.14E-06
928	ALL	668942.3	4343901	6.14E-06	30YrCancerDerived_InhSoilDermMMilk	6.14E-06
838	ALL	668522.3	4343821	6.14E-06	30YrCancerDerived_InhSoilDermMMilk	6.14E-06
1718	ALL	668922.3	4344321	6.13E-06	30YrCancerDerived_InhSoilDermMMilk	6.13E-06
1337	ALL	669122.3	4344141	6.08E-06	30YrCancerDerived_InhSoilDermMMilk	6.08E-06
1166	ALL	668702.3	4344061	6.08E-06	30YrCancerDerived_InhSoilDermMMilk	6.08E-06
1413	ALL	668802.3	4344181	6.08E-06	30YrCancerDerived_InhSoilDermMMilk	6.08E-06
1024	ALL	668642.3	4343981	6.07E-06	30YrCancerDerived_InhSoilDermMMilk	6.07E-06
1673	ALL	668902.3	4344301	6.06E-06	30YrCancerDerived_InhSoilDermMMilk	6.06E-06
953	ALL	668962.3	4343921	6.05E-06	30YrCancerDerived_InhSoilDermMMilk	6.05E-06
1629	ALL	668882.3	4344281	5.99E-06	30YrCancerDerived_InhSoilDermMMilk	5.99E-06
1371	ALL	668782.3	4344161	5.99E-06	30YrCancerDerived_InhSoilDermMMilk	5.99E-06
1423	ALL	669162.3	4344181	5.98E-06	30YrCancerDerived_InhSoilDermMMilk	5.98E-06
1379	ALL	669142.3	4344161	5.97E-06	30YrCancerDerived_InhSoilDermMMilk	5.97E-06

1125	ALL	668682.3	4344041	5.96E-06	30YrCancerDerived_InhSoilDermMMilk	5.96E-06
977	ALL	668982.3	4343941	5.95E-06	30YrCancerDerived_InhSoilDermMMilk	5.95E-06
1586	ALL	668862.3	4344261	5.90E-06	30YrCancerDerived_InhSoilDermMMilk	5.90E-06
1332	ALL	668762.3	4344141	5.89E-06	30YrCancerDerived_InhSoilDermMMilk	5.89E-06
1466	ALL	669182.3	4344201	5.88E-06	30YrCancerDerived_InhSoilDermMMilk	5.88E-06
1087	ALL	668662.3	4344021	5.86E-06	30YrCancerDerived_InhSoilDermMMilk	5.86E-06
924	ALL	668582.3	4343901	5.83E-06	30YrCancerDerived_InhSoilDermMMilk	5.83E-06
1291	ALL	668742.3	4344121	5.81E-06	30YrCancerDerived_InhSoilDermMMilk	5.81E-06
1543	ALL	668842.3	4344241	5.81E-06	30YrCancerDerived_InhSoilDermMMilk	5.81E-06
950	ALL	668602.3	4343921	5.80E-06	30YrCancerDerived_InhSoilDermMMilk	5.80E-06
900	ALL	668562.3	4343881	5.79E-06	30YrCancerDerived_InhSoilDermMMilk	5.79E-06
1000	ALL	669002.3	4343961	5.78E-06	30YrCancerDerived_InhSoilDermMMilk	5.78E-06
1731	ALL	669302.3	4344321	5.75E-06	30YrCancerDerived_InhSoilDermMMilk	5.75E-06
1685	ALL	669282.3	4344301	5.75E-06	30YrCancerDerived_InhSoilDermMMilk	5.75E-06
1249	ALL	668722.3	4344101	5.75E-06	30YrCancerDerived_InhSoilDermMMilk	5.75E-06
1053	ALL	668642.3	4344001	5.74E-06	30YrCancerDerived_InhSoilDermMMilk	5.74E-06
1499	ALL	668822.3	4344221	5.73E-06	30YrCancerDerived_InhSoilDermMMilk	5.73E-06
1216	ALL	669082.3	4344081	5.69E-06	30YrCancerDerived_InhSoilDermMMilk	5.69E-06
1510	ALL	669202.3	4344221	5.68E-06	30YrCancerDerived_InhSoilDermMMilk	5.68E-06
1640	ALL	669262.3	4344281	5.68E-06	30YrCancerDerived_InhSoilDermMMilk	5.68E-06
1206	ALL	668702.3	4344081	5.67E-06	30YrCancerDerived_InhSoilDermMMilk	5.67E-06
877	ALL	668542.3	4343861	5.67E-06	30YrCancerDerived_InhSoilDermMMilk	5.67E-06
1456	ALL	668802.3	4344201	5.63E-06	30YrCancerDerived_InhSoilDermMMilk	5.63E-06
1553	ALL	669222.3	4344241	5.63E-06	30YrCancerDerived_InhSoilDermMMilk	5.63E-06
571	ALL	668662.3	4343601	5.62E-06	30YrCancerDerived_InhSoilDermMMilk	5.62E-06
688	ALL	668742.3	4343681	5.62E-06	30YrCancerDerived_InhSoilDermMMilk	5.62E-06
1596	ALL	669242.3	4344261	5.61E-06	30YrCancerDerived_InhSoilDermMMilk	5.61E-06
857	ALL	668522.3	4343841	5.61E-06	30YrCancerDerived_InhSoilDermMMilk	5.61E-06
529	ALL	668642.3	4343581	5.60E-06	30YrCancerDerived_InhSoilDermMMilk	5.60E-06
1023	ALL	668622.3	4343981	5.60E-06	30YrCancerDerived_InhSoilDermMMilk	5.60E-06
1717	ALL	668902.3	4344321	5.59E-06	30YrCancerDerived_InhSoilDermMMilk	5.59E-06
356	ALL	668562.3	4343501	5.59E-06	30YrCancerDerived_InhSoilDermMMilk	5.59E-06
723	ALL	668762.3	4343701	5.59E-06	30YrCancerDerived_InhSoilDermMMilk	5.59E-06
1133	ALL	669062.3	4344041	5.58E-06	30YrCancerDerived_InhSoilDermMMilk	5.58E-06
882	ALL	668922.3	4343861	5.58E-06	30YrCancerDerived_InhSoilDermMMilk	5.58E-06
313	ALL	668542.3	4343481	5.57E-06	30YrCancerDerived_InhSoilDermMMilk	5.57E-06
1165	ALL	668682.3	4344061	5.56E-06	30YrCancerDerived_InhSoilDermMMilk	5.56E-06
1412	ALL	668782.3	4344181	5.55E-06	30YrCancerDerived_InhSoilDermMMilk	5.55E-06
1672	ALL	668882.3	4344301	5.54E-06	30YrCancerDerived_InhSoilDermMMilk	5.54E-06
845	ALL	668882.3	4343821	5.54E-06	30YrCancerDerived_InhSoilDermMMilk	5.54E-06
949	ALL	668582.3	4343921	5.49E-06	30YrCancerDerived_InhSoilDermMMilk	5.49E-06
1628	ALL	668862.3	4344281	5.48E-06	30YrCancerDerived_InhSoilDermMMilk	5.48E-06
1370	ALL	668762.3	4344161	5.48E-06	30YrCancerDerived_InhSoilDermMMilk	5.48E-06
929	ALL	668962.3	4343901	5.46E-06	30YrCancerDerived_InhSoilDermMMilk	5.46E-06
1124	ALL	668662.3	4344041	5.46E-06	30YrCancerDerived_InhSoilDermMMilk	5.46E-06
923	ALL	668562.3	4343901	5.42E-06	30YrCancerDerived_InhSoilDermMMilk	5.42E-06
1585	ALL	668842.3	4344261	5.41E-06	30YrCancerDerived_InhSoilDermMMilk	5.41E-06
1258	ALL	669102.3	4344101	5.39E-06	30YrCancerDerived_InhSoilDermMMilk	5.39E-06
1331	ALL	668742.3	4344141	5.38E-06	30YrCancerDerived_InhSoilDermMMilk	5.38E-06
954	ALL	668982.3	4343921	5.37E-06	30YrCancerDerived_InhSoilDermMMilk	5.37E-06
1086	ALL	668642.3	4344021	5.35E-06	30YrCancerDerived_InhSoilDermMMilk	5.35E-06
1542	ALL	668822.3	4344241	5.33E-06	30YrCancerDerived_InhSoilDermMMilk	5.33E-06
1290	ALL	668722.3	4344121	5.32E-06	30YrCancerDerived_InhSoilDermMMilk	5.32E-06
899	ALL	668542.3	4343881	5.31E-06	30YrCancerDerived_InhSoilDermMMilk	5.31E-06
1299	ALL	669122.3	4344121	5.29E-06	30YrCancerDerived_InhSoilDermMMilk	5.29E-06
1174	ALL	669082.3	4344061	5.28E-06	30YrCancerDerived_InhSoilDermMMilk	5.28E-06
978	ALL	669002.3	4343941	5.27E-06	30YrCancerDerived_InhSoilDermMMilk	5.27E-06
1248	ALL	668702.3	4344101	5.27E-06	30YrCancerDerived_InhSoilDermMMilk	5.27E-06
1498	ALL	668802.3	4344221	5.26E-06	30YrCancerDerived_InhSoilDermMMilk	5.26E-06
1052	ALL	668622.3	4344001	5.24E-06	30YrCancerDerived_InhSoilDermMMilk	5.24E-06
1424	ALL	669182.3	4344181	5.22E-06	30YrCancerDerived_InhSoilDermMMilk	5.22E-06
1686	ALL	669302.3	4344301	5.22E-06	30YrCancerDerived_InhSoilDermMMilk	5.22E-06
1380	ALL	669162.3	4344161	5.22E-06	30YrCancerDerived_InhSoilDermMMilk	5.22E-06
1338	ALL	669142.3	4344141	5.21E-06	30YrCancerDerived_InhSoilDermMMilk	5.21E-06
876	ALL	668522.3	4343861	5.21E-06	30YrCancerDerived_InhSoilDermMMilk	5.21E-06
1205	ALL	668682.3	4344081	5.20E-06	30YrCancerDerived_InhSoilDermMMilk	5.20E-06
1641	ALL	669282.3	4344281	5.17E-06	30YrCancerDerived_InhSoilDermMMilk	5.17E-06
1455	ALL	668782.3	4344201	5.17E-06	30YrCancerDerived_InhSoilDermMMilk	5.17E-06
1732	ALL	669322.3	4344321	5.16E-06	30YrCancerDerived_InhSoilDermMMilk	5.16E-06
1716	ALL	668882.3	4344321	5.13E-06	30YrCancerDerived_InhSoilDermMMilk	5.13E-06
1467	ALL	669202.3	4344201	5.13E-06	30YrCancerDerived_InhSoilDermMMilk	5.13E-06
948	ALL	668562.3	4343921	5.11E-06	30YrCancerDerived_InhSoilDermMMilk	5.11E-06
856	ALL	668502.3	4343841	5.11E-06	30YrCancerDerived_InhSoilDermMMilk	5.11E-06
1164	ALL	668662.3	4344061	5.10E-06	30YrCancerDerived_InhSoilDermMMilk	5.10E-06
572	ALL	668682.3	4343601	5.10E-06	30YrCancerDerived_InhSoilDermMMilk	5.10E-06
1411	ALL	668762.3	4344181	5.10E-06	30YrCancerDerived_InhSoilDermMMilk	5.10E-06

1671	ALL	668862.3	4344301	5.10E-06	30YrCancerDerived_InhSoilDermMMilk	5.10E-06
689	ALL	668762.3	4343681	5.09E-06	30YrCancerDerived_InhSoilDermMMilk	5.09E-06
1597	ALL	669262.3	4344261	5.08E-06	30YrCancerDerived_InhSoilDermMMilk	5.08E-06
530	ALL	668662.3	4343581	5.08E-06	30YrCancerDerived_InhSoilDermMMilk	5.08E-06
803	ALL	668862.3	4343781	5.07E-06	30YrCancerDerived_InhSoilDermMMilk	5.07E-06
724	ALL	668782.3	4343701	5.07E-06	30YrCancerDerived_InhSoilDermMMilk	5.07E-06
846	ALL	668902.3	4343821	5.05E-06	30YrCancerDerived_InhSoilDermMMilk	5.05E-06
488	ALL	668642.3	4343561	5.05E-06	30YrCancerDerived_InhSoilDermMMilk	5.05E-06
1627	ALL	668842.3	4344281	5.04E-06	30YrCancerDerived_InhSoilDermMMilk	5.04E-06
1369	ALL	668742.3	4344161	5.03E-06	30YrCancerDerived_InhSoilDermMMilk	5.03E-06
1554	ALL	669242.3	4344241	5.02E-06	30YrCancerDerived_InhSoilDermMMilk	5.02E-06
922	ALL	668542.3	4343901	5.01E-06	30YrCancerDerived_InhSoilDermMMilk	5.01E-06
1123	ALL	668642.3	4344041	4.99E-06	30YrCancerDerived_InhSoilDermMMilk	4.99E-06
1584	ALL	668822.3	4344261	4.97E-06	30YrCancerDerived_InhSoilDermMMilk	4.97E-06
1511	ALL	669222.3	4344221	4.96E-06	30YrCancerDerived_InhSoilDermMMilk	4.96E-06
1134	ALL	669082.3	4344041	4.96E-06	30YrCancerDerived_InhSoilDermMMilk	4.96E-06
1330	ALL	668722.3	4344141	4.95E-06	30YrCancerDerived_InhSoilDermMMilk	4.95E-06
898	ALL	668522.3	4343881	4.91E-06	30YrCancerDerived_InhSoilDermMMilk	4.91E-06
1541	ALL	668802.3	4344241	4.91E-06	30YrCancerDerived_InhSoilDermMMilk	4.91E-06
1217	ALL	669102.3	4344081	4.91E-06	30YrCancerDerived_InhSoilDermMMilk	4.91E-06
1289	ALL	668702.3	4344121	4.90E-06	30YrCancerDerived_InhSoilDermMMilk	4.90E-06
930	ALL	668982.3	4343901	4.90E-06	30YrCancerDerived_InhSoilDermMMilk	4.90E-06
1085	ALL	668622.3	4344021	4.89E-06	30YrCancerDerived_InhSoilDermMMilk	4.89E-06
1247	ALL	668682.3	4344101	4.85E-06	30YrCancerDerived_InhSoilDermMMilk	4.85E-06
1497	ALL	668782.3	4344221	4.84E-06	30YrCancerDerived_InhSoilDermMMilk	4.84E-06
955	ALL	669002.3	4343921	4.82E-06	30YrCancerDerived_InhSoilDermMMilk	4.82E-06
875	ALL	668502.3	4343861	4.80E-06	30YrCancerDerived_InhSoilDermMMilk	4.80E-06
1051	ALL	668602.3	4344001	4.80E-06	30YrCancerDerived_InhSoilDermMMilk	4.80E-06
1204	ALL	668662.3	4344081	4.78E-06	30YrCancerDerived_InhSoilDermMMilk	4.78E-06
1687	ALL	669322.3	4344301	4.77E-06	30YrCancerDerived_InhSoilDermMMilk	4.77E-06
1454	ALL	668762.3	4344201	4.76E-06	30YrCancerDerived_InhSoilDermMMilk	4.76E-06
1642	ALL	669302.3	4344281	4.75E-06	30YrCancerDerived_InhSoilDermMMilk	4.75E-06
1715	ALL	668862.3	4344321	4.75E-06	30YrCancerDerived_InhSoilDermMMilk	4.75E-06
947	ALL	668542.3	4343921	4.73E-06	30YrCancerDerived_InhSoilDermMMilk	4.73E-06
1670	ALL	668842.3	4344301	4.72E-06	30YrCancerDerived_InhSoilDermMMilk	4.72E-06
1410	ALL	668742.3	4344181	4.70E-06	30YrCancerDerived_InhSoilDermMMilk	4.70E-06
1598	ALL	669282.3	4344261	4.69E-06	30YrCancerDerived_InhSoilDermMMilk	4.69E-06
1163	ALL	668642.3	4344061	4.69E-06	30YrCancerDerived_InhSoilDermMMilk	4.69E-06
1259	ALL	669122.3	4344101	4.68E-06	30YrCancerDerived_InhSoilDermMMilk	4.68E-06
1733	ALL	669342.3	4344321	4.67E-06	30YrCancerDerived_InhSoilDermMMilk	4.67E-06
573	ALL	668702.3	4343601	4.67E-06	30YrCancerDerived_InhSoilDermMMilk	4.67E-06
1425	ALL	669202.3	4344181	4.66E-06	30YrCancerDerived_InhSoilDermMMilk	4.66E-06
1381	ALL	669182.3	4344161	4.66E-06	30YrCancerDerived_InhSoilDermMMilk	4.66E-06
531	ALL	668682.3	4343581	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06
1626	ALL	668822.3	4344281	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06
789	ALL	668862.3	4343761	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06
690	ALL	668782.3	4343681	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06
1368	ALL	668722.3	4344161	4.64E-06	30YrCancerDerived_InhSoilDermMMilk	4.64E-06
921	ALL	668522.3	4343901	4.64E-06	30YrCancerDerived_InhSoilDermMMilk	4.64E-06
725	ALL	668802.3	4343701	4.64E-06	30YrCancerDerived_InhSoilDermMMilk	4.64E-06
823	ALL	668902.3	4343801	4.63E-06	30YrCancerDerived_InhSoilDermMMilk	4.63E-06
489	ALL	668662.3	4343561	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
1555	ALL	669262.3	4344241	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
1175	ALL	669102.3	4344061	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
1339	ALL	669162.3	4344141	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
1583	ALL	668802.3	4344261	4.60E-06	30YrCancerDerived_InhSoilDermMMilk	4.60E-06
1300	ALL	669142.3	4344121	4.59E-06	30YrCancerDerived_InhSoilDermMMilk	4.59E-06
1122	ALL	668622.3	4344041	4.57E-06	30YrCancerDerived_InhSoilDermMMilk	4.57E-06
1329	ALL	668702.3	4344141	4.57E-06	30YrCancerDerived_InhSoilDermMMilk	4.57E-06
444	ALL	668642.3	4343541	4.56E-06	30YrCancerDerived_InhSoilDermMMilk	4.56E-06
897	ALL	668502.3	4343881	4.56E-06	30YrCancerDerived_InhSoilDermMMilk	4.56E-06
1540	ALL	668782.3	4344241	4.55E-06	30YrCancerDerived_InhSoilDermMMilk	4.55E-06
1468	ALL	669222.3	4344201	4.54E-06	30YrCancerDerived_InhSoilDermMMilk	4.54E-06
1288	ALL	668682.3	4344121	4.53E-06	30YrCancerDerived_InhSoilDermMMilk	4.53E-06
1512	ALL	669242.3	4344221	4.50E-06	30YrCancerDerived_InhSoilDermMMilk	4.50E-06
1084	ALL	668602.3	4344021	4.49E-06	30YrCancerDerived_InhSoilDermMMilk	4.49E-06
1246	ALL	668662.3	4344101	4.48E-06	30YrCancerDerived_InhSoilDermMMilk	4.48E-06
1496	ALL	668762.3	4344221	4.48E-06	30YrCancerDerived_InhSoilDermMMilk	4.48E-06
971	ALL	668542.3	4343941	4.48E-06	30YrCancerDerived_InhSoilDermMMilk	4.48E-06
874	ALL	668482.3	4343861	4.47E-06	30YrCancerDerived_InhSoilDermMMilk	4.47E-06
819	ALL	668442.3	4343801	4.47E-06	30YrCancerDerived_InhSoilDermMMilk	4.47E-06
1714	ALL	668842.3	4344321	4.42E-06	30YrCancerDerived_InhSoilDermMMilk	4.42E-06
1203	ALL	668642.3	4344081	4.42E-06	30YrCancerDerived_InhSoilDermMMilk	4.42E-06
1453	ALL	668742.3	4344201	4.41E-06	30YrCancerDerived_InhSoilDermMMilk	4.41E-06
1050	ALL	668582.3	4344001	4.41E-06	30YrCancerDerived_InhSoilDermMMilk	4.41E-06
1135	ALL	669102.3	4344041	4.40E-06	30YrCancerDerived_InhSoilDermMMilk	4.40E-06

1643	ALL	669322.3	4344281	4.39E-06	30YrCancerDerived_InhSoilDermMMilk	4.39E-06
946	ALL	668522.3	4343921	4.38E-06	30YrCancerDerived_InhSoilDermMMilk	4.38E-06
1669	ALL	668822.3	4344301	4.37E-06	30YrCancerDerived_InhSoilDermMMilk	4.37E-06
1409	ALL	668722.3	4344181	4.36E-06	30YrCancerDerived_InhSoilDermMMilk	4.36E-06
1599	ALL	669302.3	4344261	4.35E-06	30YrCancerDerived_InhSoilDermMMilk	4.35E-06
1688	ALL	669342.3	4344301	4.35E-06	30YrCancerDerived_InhSoilDermMMilk	4.35E-06
1218	ALL	669122.3	4344081	4.33E-06	30YrCancerDerived_InhSoilDermMMilk	4.33E-06
920	ALL	668502.3	4343901	4.33E-06	30YrCancerDerived_InhSoilDermMMilk	4.33E-06
1162	ALL	668622.3	4344061	4.32E-06	30YrCancerDerived_InhSoilDermMMilk	4.32E-06
1625	ALL	668802.3	4344281	4.32E-06	30YrCancerDerived_InhSoilDermMMilk	4.32E-06
1556	ALL	669282.3	4344241	4.31E-06	30YrCancerDerived_InhSoilDermMMilk	4.31E-06
574	ALL	668722.3	4343601	4.30E-06	30YrCancerDerived_InhSoilDermMMilk	4.30E-06
790	ALL	668882.3	4343761	4.30E-06	30YrCancerDerived_InhSoilDermMMilk	4.30E-06
532	ALL	668702.3	4343581	4.29E-06	30YrCancerDerived_InhSoilDermMMilk	4.29E-06
1367	ALL	668702.3	4344161	4.29E-06	30YrCancerDerived_InhSoilDermMMilk	4.29E-06
824	ALL	668922.3	4343801	4.29E-06	30YrCancerDerived_InhSoilDermMMilk	4.29E-06
691	ALL	668802.3	4343681	4.28E-06	30YrCancerDerived_InhSoilDermMMilk	4.28E-06
1582	ALL	668782.3	4344261	4.28E-06	30YrCancerDerived_InhSoilDermMMilk	4.28E-06
490	ALL	668682.3	4343561	4.27E-06	30YrCancerDerived_InhSoilDermMMilk	4.27E-06
896	ALL	668482.3	4343881	4.27E-06	30YrCancerDerived_InhSoilDermMMilk	4.27E-06
1734	ALL	669362.3	4344321	4.25E-06	30YrCancerDerived_InhSoilDermMMilk	4.25E-06
1382	ALL	669202.3	4344161	4.24E-06	30YrCancerDerived_InhSoilDermMMilk	4.24E-06
995	ALL	668542.3	4343961	4.24E-06	30YrCancerDerived_InhSoilDermMMilk	4.24E-06
1328	ALL	668682.3	4344141	4.23E-06	30YrCancerDerived_InhSoilDermMMilk	4.23E-06
1513	ALL	669262.3	4344221	4.23E-06	30YrCancerDerived_InhSoilDermMMilk	4.23E-06
1539	ALL	668762.3	4344241	4.23E-06	30YrCancerDerived_InhSoilDermMMilk	4.23E-06
1121	ALL	668602.3	4344041	4.22E-06	30YrCancerDerived_InhSoilDermMMilk	4.22E-06
445	ALL	668662.3	4343541	4.22E-06	30YrCancerDerived_InhSoilDermMMilk	4.22E-06
837	ALL	668442.3	4343821	4.22E-06	30YrCancerDerived_InhSoilDermMMilk	4.22E-06
1426	ALL	669222.3	4344181	4.20E-06	30YrCancerDerived_InhSoilDermMMilk	4.20E-06
1287	ALL	668662.3	4344121	4.20E-06	30YrCancerDerived_InhSoilDermMMilk	4.20E-06
400	ALL	668642.3	4343521	4.18E-06	30YrCancerDerived_InhSoilDermMMilk	4.18E-06
1495	ALL	668742.3	4344221	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-06
1245	ALL	668642.3	4344101	4.16E-06	30YrCancerDerived_InhSoilDermMMilk	4.16E-06
1469	ALL	669242.3	4344201	4.15E-06	30YrCancerDerived_InhSoilDermMMilk	4.15E-06
970	ALL	668522.3	4343941	4.14E-06	30YrCancerDerived_InhSoilDermMMilk	4.14E-06
1340	ALL	669182.3	4344141	4.14E-06	30YrCancerDerived_InhSoilDermMMilk	4.14E-06
1001	ALL	669062.3	4343961	4.14E-06	30YrCancerDerived_InhSoilDermMMilk	4.14E-06
873	ALL	668462.3	4343861	4.14E-06	30YrCancerDerived_InhSoilDermMMilk	4.14E-06
1083	ALL	668582.3	4344021	4.13E-06	30YrCancerDerived_InhSoilDermMMilk	4.13E-06
1713	ALL	668822.3	4344321	4.12E-06	30YrCancerDerived_InhSoilDermMMilk	4.12E-06
1260	ALL	669142.3	4344101	4.12E-06	30YrCancerDerived_InhSoilDermMMilk	4.12E-06
1176	ALL	669122.3	4344061	4.11E-06	30YrCancerDerived_InhSoilDermMMilk	4.11E-06
1301	ALL	669162.3	4344121	4.11E-06	30YrCancerDerived_InhSoilDermMMilk	4.11E-06
1452	ALL	668722.3	4344201	4.11E-06	30YrCancerDerived_InhSoilDermMMilk	4.11E-06
945	ALL	668502.3	4343921	4.10E-06	30YrCancerDerived_InhSoilDermMMilk	4.10E-06
1202	ALL	668622.3	4344081	4.09E-06	30YrCancerDerived_InhSoilDermMMilk	4.09E-06
1668	ALL	668802.3	4344301	4.08E-06	30YrCancerDerived_InhSoilDermMMilk	4.08E-06
1644	ALL	669342.3	4344281	4.07E-06	30YrCancerDerived_InhSoilDermMMilk	4.07E-06
919	ALL	668482.3	4343901	4.06E-06	30YrCancerDerived_InhSoilDermMMilk	4.06E-06
1049	ALL	668562.3	4344001	4.06E-06	30YrCancerDerived_InhSoilDermMMilk	4.06E-06
1408	ALL	668702.3	4344181	4.05E-06	30YrCancerDerived_InhSoilDermMMilk	4.05E-06
1600	ALL	669322.3	4344261	4.05E-06	30YrCancerDerived_InhSoilDermMMilk	4.05E-06
1624	ALL	668782.3	4344281	4.03E-06	30YrCancerDerived_InhSoilDermMMilk	4.03E-06
1557	ALL	669302.3	4344241	4.03E-06	30YrCancerDerived_InhSoilDermMMilk	4.03E-06
855	ALL	668442.3	4343841	4.00E-06	30YrCancerDerived_InhSoilDermMMilk	4.00E-06
1022	ALL	668542.3	4343981	4.00E-06	30YrCancerDerived_InhSoilDermMMilk	4.00E-06
1514	ALL	669282.3	4344221	3.99E-06	30YrCancerDerived_InhSoilDermMMilk	3.99E-06
1581	ALL	668762.3	4344261	3.99E-06	30YrCancerDerived_InhSoilDermMMilk	3.99E-06
1161	ALL	668602.3	4344061	3.99E-06	30YrCancerDerived_InhSoilDermMMilk	3.99E-06
768	ALL	668882.3	4343741	3.99E-06	30YrCancerDerived_InhSoilDermMMilk	3.99E-06
1689	ALL	669362.3	4344301	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06
692	ALL	668822.3	4343681	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06
1366	ALL	668682.3	4344161	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06
895	ALL	668462.3	4343881	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06
575	ALL	668742.3	4343601	3.97E-06	30YrCancerDerived_InhSoilDermMMilk	3.97E-06
533	ALL	668722.3	4343581	3.97E-06	30YrCancerDerived_InhSoilDermMMilk	3.97E-06
491	ALL	668702.3	4343561	3.96E-06	30YrCancerDerived_InhSoilDermMMilk	3.96E-06
1136	ALL	669122.3	4344041	3.96E-06	30YrCancerDerived_InhSoilDermMMilk	3.96E-06
1538	ALL	668742.3	4344241	3.94E-06	30YrCancerDerived_InhSoilDermMMilk	3.94E-06
1327	ALL	668662.3	4344141	3.94E-06	30YrCancerDerived_InhSoilDermMMilk	3.94E-06
994	ALL	668522.3	4343961	3.92E-06	30YrCancerDerived_InhSoilDermMMilk	3.92E-06
446	ALL	668682.3	4343541	3.92E-06	30YrCancerDerived_InhSoilDermMMilk	3.92E-06
55	ALL	668482.3	4343361	3.91E-06	30YrCancerDerived_InhSoilDermMMilk	3.91E-06
1470	ALL	669262.3	4344201	3.91E-06	30YrCancerDerived_InhSoilDermMMilk	3.91E-06
1286	ALL	668642.3	4344121	3.91E-06	30YrCancerDerived_InhSoilDermMMilk	3.91E-06

1494	ALL	668722.3	4344221	3.90E-06	30YrCancerDerived_InhSoilDermMMilk	3.90E-06
1120	ALL	668582.3	4344041	3.90E-06	30YrCancerDerived_InhSoilDermMMilk	3.90E-06
1219	ALL	669142.3	4344081	3.89E-06	30YrCancerDerived_InhSoilDermMMilk	3.89E-06
1735	ALL	669382.3	4344321	3.89E-06	30YrCancerDerived_InhSoilDermMMilk	3.89E-06
1383	ALL	669222.3	4344161	3.89E-06	30YrCancerDerived_InhSoilDermMMilk	3.89E-06
401	ALL	668662.3	4343521	3.89E-06	30YrCancerDerived_InhSoilDermMMilk	3.89E-06
969	ALL	668502.3	4343941	3.88E-06	30YrCancerDerived_InhSoilDermMMilk	3.88E-06
1427	ALL	669242.3	4344181	3.87E-06	30YrCancerDerived_InhSoilDermMMilk	3.87E-06
944	ALL	668482.3	4343921	3.87E-06	30YrCancerDerived_InhSoilDermMMilk	3.87E-06
357	ALL	668642.3	4343501	3.86E-06	30YrCancerDerived_InhSoilDermMMilk	3.86E-06
1244	ALL	668622.3	4344101	3.86E-06	30YrCancerDerived_InhSoilDermMMilk	3.86E-06
1712	ALL	668802.3	4344321	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
872	ALL	668442.3	4343861	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
1096	ALL	669122.3	4344021	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
1451	ALL	668702.3	4344201	3.84E-06	30YrCancerDerived_InhSoilDermMMilk	3.84E-06
1002	ALL	669082.3	4343961	3.84E-06	30YrCancerDerived_InhSoilDermMMilk	3.84E-06
1082	ALL	668562.3	4344021	3.83E-06	30YrCancerDerived_InhSoilDermMMilk	3.83E-06
918	ALL	668462.3	4343901	3.82E-06	30YrCancerDerived_InhSoilDermMMilk	3.82E-06
1667	ALL	668782.3	4344301	3.81E-06	30YrCancerDerived_InhSoilDermMMilk	3.81E-06
1601	ALL	669342.3	4344261	3.79E-06	30YrCancerDerived_InhSoilDermMMilk	3.79E-06
1407	ALL	668682.3	4344181	3.78E-06	30YrCancerDerived_InhSoilDermMMilk	3.78E-06
1048	ALL	668542.3	4344001	3.78E-06	30YrCancerDerived_InhSoilDermMMilk	3.78E-06
1201	ALL	668602.3	4344081	3.78E-06	30YrCancerDerived_InhSoilDermMMilk	3.78E-06
1623	ALL	668762.3	4344281	3.77E-06	30YrCancerDerived_InhSoilDermMMilk	3.77E-06
1558	ALL	669322.3	4344241	3.76E-06	30YrCancerDerived_InhSoilDermMMilk	3.76E-06
1341	ALL	669202.3	4344141	3.76E-06	30YrCancerDerived_InhSoilDermMMilk	3.76E-06
1515	ALL	669302.3	4344221	3.75E-06	30YrCancerDerived_InhSoilDermMMilk	3.75E-06
1645	ALL	669362.3	4344281	3.75E-06	30YrCancerDerived_InhSoilDermMMilk	3.75E-06
1177	ALL	669142.3	4344061	3.74E-06	30YrCancerDerived_InhSoilDermMMilk	3.74E-06
1580	ALL	668742.3	4344261	3.74E-06	30YrCancerDerived_InhSoilDermMMilk	3.74E-06
693	ALL	668842.3	4343681	3.73E-06	30YrCancerDerived_InhSoilDermMMilk	3.73E-06
1471	ALL	669282.3	4344201	3.73E-06	30YrCancerDerived_InhSoilDermMMilk	3.73E-06
665	ALL	668822.3	4343661	3.72E-06	30YrCancerDerived_InhSoilDermMMilk	3.72E-06
1021	ALL	668522.3	4343981	3.72E-06	30YrCancerDerived_InhSoilDermMMilk	3.72E-06
1261	ALL	669162.3	4344101	3.72E-06	30YrCancerDerived_InhSoilDermMMilk	3.72E-06
1302	ALL	669182.3	4344121	3.71E-06	30YrCancerDerived_InhSoilDermMMilk	3.71E-06
894	ALL	668442.3	4343881	3.71E-06	30YrCancerDerived_InhSoilDermMMilk	3.71E-06
1365	ALL	668662.3	4344161	3.71E-06	30YrCancerDerived_InhSoilDermMMilk	3.71E-06
576	ALL	668762.3	4343601	3.70E-06	30YrCancerDerived_InhSoilDermMMilk	3.70E-06
1537	ALL	668722.3	4344241	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06
534	ALL	668742.3	4343581	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06
1160	ALL	668582.3	4344061	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06
492	ALL	668722.3	4343561	3.68E-06	30YrCancerDerived_InhSoilDermMMilk	3.68E-06
993	ALL	668502.3	4343961	3.68E-06	30YrCancerDerived_InhSoilDermMMilk	3.68E-06
968	ALL	668482.3	4343941	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06
1326	ALL	668642.3	4344141	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06
104	ALL	668522.3	4343381	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06
1690	ALL	669382.3	4344301	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06
447	ALL	668702.3	4343541	3.66E-06	30YrCancerDerived_InhSoilDermMMilk	3.66E-06
943	ALL	668462.3	4343921	3.65E-06	30YrCancerDerived_InhSoilDermMMilk	3.65E-06
1493	ALL	668702.3	4344221	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06
1428	ALL	669262.3	4344181	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06
1119	ALL	668562.3	4344041	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
1285	ALL	668622.3	4344121	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
402	ALL	668682.3	4343521	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
1137	ALL	669142.3	4344041	3.62E-06	30YrCancerDerived_InhSoilDermMMilk	3.62E-06
1711	ALL	668782.3	4344321	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06
1384	ALL	669242.3	4344161	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06
56	ALL	668502.3	4343361	3.60E-06	30YrCancerDerived_InhSoilDermMMilk	3.60E-06
358	ALL	668662.3	4343501	3.60E-06	30YrCancerDerived_InhSoilDermMMilk	3.60E-06
1450	ALL	668682.3	4344201	3.60E-06	30YrCancerDerived_InhSoilDermMMilk	3.60E-06
1081	ALL	668542.3	4344021	3.60E-06	30YrCancerDerived_InhSoilDermMMilk	3.60E-06
1243	ALL	668602.3	4344101	3.59E-06	30YrCancerDerived_InhSoilDermMMilk	3.59E-06
314	ALL	668642.3	4343481	3.58E-06	30YrCancerDerived_InhSoilDermMMilk	3.58E-06
917	ALL	668442.3	4343901	3.58E-06	30YrCancerDerived_InhSoilDermMMilk	3.58E-06
1666	ALL	668762.3	4344301	3.58E-06	30YrCancerDerived_InhSoilDermMMilk	3.58E-06
1736	ALL	669402.3	4344321	3.57E-06	30YrCancerDerived_InhSoilDermMMilk	3.57E-06
1097	ALL	669142.3	4344021	3.56E-06	30YrCancerDerived_InhSoilDermMMilk	3.56E-06
1622	ALL	668742.3	4344281	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
1220	ALL	669162.3	4344081	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
1559	ALL	669342.3	4344241	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
1047	ALL	668522.3	4344001	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
1602	ALL	669362.3	4344261	3.53E-06	30YrCancerDerived_InhSoilDermMMilk	3.53E-06
1406	ALL	668662.3	4344181	3.53E-06	30YrCancerDerived_InhSoilDermMMilk	3.53E-06
1472	ALL	669302.3	4344201	3.53E-06	30YrCancerDerived_InhSoilDermMMilk	3.53E-06
1516	ALL	669322.3	4344221	3.52E-06	30YrCancerDerived_InhSoilDermMMilk	3.52E-06

1579	ALL	668722.3	4344261	3.50E-06	30YrCancerDerived_InhSoilDermMMilk	3.50E-06
1200	ALL	668582.3	4344081	3.50E-06	30YrCancerDerived_InhSoilDermMMilk	3.50E-06
1020	ALL	668502.3	4343981	3.50E-06	30YrCancerDerived_InhSoilDermMMilk	3.50E-06
666	ALL	668842.3	4343661	3.50E-06	30YrCancerDerived_InhSoilDermMMilk	3.50E-06
992	ALL	668482.3	4343961	3.49E-06	30YrCancerDerived_InhSoilDermMMilk	3.49E-06
643	ALL	668822.3	4343641	3.49E-06	30YrCancerDerived_InhSoilDermMMilk	3.49E-06
694	ALL	668862.3	4343681	3.49E-06	30YrCancerDerived_InhSoilDermMMilk	3.49E-06
967	ALL	668462.3	4343941	3.48E-06	30YrCancerDerived_InhSoilDermMMilk	3.48E-06
1429	ALL	669282.3	4344181	3.48E-06	30YrCancerDerived_InhSoilDermMMilk	3.48E-06
1342	ALL	669222.3	4344141	3.47E-06	30YrCancerDerived_InhSoilDermMMilk	3.47E-06
577	ALL	668782.3	4343601	3.47E-06	30YrCancerDerived_InhSoilDermMMilk	3.47E-06
1536	ALL	668702.3	4344241	3.46E-06	30YrCancerDerived_InhSoilDermMMilk	3.46E-06
1646	ALL	669382.3	4344281	3.46E-06	30YrCancerDerived_InhSoilDermMMilk	3.46E-06
535	ALL	668762.3	4343581	3.46E-06	30YrCancerDerived_InhSoilDermMMilk	3.46E-06
1364	ALL	668642.3	4344161	3.45E-06	30YrCancerDerived_InhSoilDermMMilk	3.45E-06
1159	ALL	668562.3	4344061	3.45E-06	30YrCancerDerived_InhSoilDermMMilk	3.45E-06
942	ALL	668442.3	4343921	3.44E-06	30YrCancerDerived_InhSoilDermMMilk	3.44E-06
493	ALL	668742.3	4343561	3.44E-06	30YrCancerDerived_InhSoilDermMMilk	3.44E-06
448	ALL	668722.3	4343541	3.43E-06	30YrCancerDerived_InhSoilDermMMilk	3.43E-06
791	ALL	668942.3	4343761	3.43E-06	30YrCancerDerived_InhSoilDermMMilk	3.43E-06
1492	ALL	668682.3	4344221	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
1178	ALL	669162.3	4344061	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
1325	ALL	668622.3	4344141	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
1118	ALL	668542.3	4344041	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
1385	ALL	669262.3	4344161	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
403	ALL	668702.3	4343521	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
1710	ALL	668762.3	4344321	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
105	ALL	668542.3	4343381	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
931	ALL	669062.3	4343901	3.39E-06	30YrCancerDerived_InhSoilDermMMilk	3.39E-06
1080	ALL	668522.3	4344021	3.38E-06	30YrCancerDerived_InhSoilDermMMilk	3.38E-06
1691	ALL	669402.3	4344301	3.38E-06	30YrCancerDerived_InhSoilDermMMilk	3.38E-06
1284	ALL	668602.3	4344121	3.38E-06	30YrCancerDerived_InhSoilDermMMilk	3.38E-06
1262	ALL	669182.3	4344101	3.38E-06	30YrCancerDerived_InhSoilDermMMilk	3.38E-06
1303	ALL	669202.3	4344121	3.38E-06	30YrCancerDerived_InhSoilDermMMilk	3.38E-06
1449	ALL	668662.3	4344201	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
359	ALL	668682.3	4343501	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
1665	ALL	668742.3	4344301	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
315	ALL	668662.3	4343481	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
1046	ALL	668502.3	4344001	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
1560	ALL	669362.3	4344241	3.34E-06	30YrCancerDerived_InhSoilDermMMilk	3.34E-06
57	ALL	668522.3	4343361	3.34E-06	30YrCancerDerived_InhSoilDermMMilk	3.34E-06
1621	ALL	668722.3	4344281	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
1138	ALL	669162.3	4344041	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
1019	ALL	668482.3	4343981	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
1242	ALL	668582.3	4344101	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
1517	ALL	669342.3	4344221	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
271	ALL	668642.3	4343461	3.32E-06	30YrCancerDerived_InhSoilDermMMilk	3.32E-06
991	ALL	668462.3	4343961	3.32E-06	30YrCancerDerived_InhSoilDermMMilk	3.32E-06
1473	ALL	669322.3	4344201	3.32E-06	30YrCancerDerived_InhSoilDermMMilk	3.32E-06
1430	ALL	669302.3	4344181	3.31E-06	30YrCancerDerived_InhSoilDermMMilk	3.31E-06
1578	ALL	668702.3	4344261	3.30E-06	30YrCancerDerived_InhSoilDermMMilk	3.30E-06
1098	ALL	669162.3	4344021	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
966	ALL	668442.3	4343941	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
1737	ALL	669422.3	4344321	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
1405	ALL	668642.3	4344181	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
644	ALL	668842.3	4343641	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
1343	ALL	669242.3	4344141	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
667	ALL	668862.3	4343661	3.28E-06	30YrCancerDerived_InhSoilDermMMilk	3.28E-06
611	ALL	668822.3	4343621	3.28E-06	30YrCancerDerived_InhSoilDermMMilk	3.28E-06
1199	ALL	668562.3	4344081	3.28E-06	30YrCancerDerived_InhSoilDermMMilk	3.28E-06
1603	ALL	669382.3	4344261	3.28E-06	30YrCancerDerived_InhSoilDermMMilk	3.28E-06
578	ALL	668802.3	4343601	3.27E-06	30YrCancerDerived_InhSoilDermMMilk	3.27E-06
695	ALL	668882.3	4343681	3.27E-06	30YrCancerDerived_InhSoilDermMMilk	3.27E-06
1535	ALL	668682.3	4344241	3.26E-06	30YrCancerDerived_InhSoilDermMMilk	3.26E-06
536	ALL	668782.3	4343581	3.26E-06	30YrCancerDerived_InhSoilDermMMilk	3.26E-06
1158	ALL	668542.3	4344061	3.25E-06	30YrCancerDerived_InhSoilDermMMilk	3.25E-06
1386	ALL	669282.3	4344161	3.25E-06	30YrCancerDerived_InhSoilDermMMilk	3.25E-06
494	ALL	668762.3	4343561	3.23E-06	30YrCancerDerived_InhSoilDermMMilk	3.23E-06
1117	ALL	668522.3	4344041	3.23E-06	30YrCancerDerived_InhSoilDermMMilk	3.23E-06
1363	ALL	668622.3	4344161	3.23E-06	30YrCancerDerived_InhSoilDermMMilk	3.23E-06
1221	ALL	669182.3	4344081	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-06
1491	ALL	668662.3	4344221	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-06
449	ALL	668742.3	4343541	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-06
1647	ALL	669402.3	4344281	3.21E-06	30YrCancerDerived_InhSoilDermMMilk	3.21E-06
1079	ALL	668502.3	4344021	3.21E-06	30YrCancerDerived_InhSoilDermMMilk	3.21E-06
1709	ALL	668742.3	4344321	3.21E-06	30YrCancerDerived_InhSoilDermMMilk	3.21E-06

404	ALL	668722.3	4343521	3.20E-06	30YrCancerDerived_InhSoilDermMMilk	3.20E-06
1324	ALL	668602.3	4344141	3.20E-06	30YrCancerDerived_InhSoilDermMMilk	3.20E-06
1045	ALL	668482.3	4344001	3.20E-06	30YrCancerDerived_InhSoilDermMMilk	3.20E-06
1344	ALL	669262.3	4344141	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
932	ALL	669082.3	4343901	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
1061	ALL	669162.3	4344001	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
1664	ALL	668722.3	4344301	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
825	ALL	668982.3	4343801	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
360	ALL	668702.3	4343501	3.17E-06	30YrCancerDerived_InhSoilDermMMilk	3.17E-06
1018	ALL	668462.3	4343981	3.17E-06	30YrCancerDerived_InhSoilDermMMilk	3.17E-06
1283	ALL	668582.3	4344121	3.16E-06	30YrCancerDerived_InhSoilDermMMilk	3.16E-06
316	ALL	668682.3	4343481	3.16E-06	30YrCancerDerived_InhSoilDermMMilk	3.16E-06
1448	ALL	668642.3	4344201	3.15E-06	30YrCancerDerived_InhSoilDermMMilk	3.15E-06
990	ALL	668442.3	4343961	3.15E-06	30YrCancerDerived_InhSoilDermMMilk	3.15E-06
1518	ALL	669362.3	4344221	3.15E-06	30YrCancerDerived_InhSoilDermMMilk	3.15E-06
1304	ALL	669222.3	4344121	3.14E-06	30YrCancerDerived_InhSoilDermMMilk	3.14E-06
1620	ALL	668702.3	4344281	3.14E-06	30YrCancerDerived_InhSoilDermMMilk	3.14E-06
1474	ALL	669342.3	4344201	3.14E-06	30YrCancerDerived_InhSoilDermMMilk	3.14E-06
1241	ALL	668562.3	4344101	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
1692	ALL	669422.3	4344301	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
1179	ALL	669182.3	4344061	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
272	ALL	668662.3	4343461	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
1431	ALL	669322.3	4344181	3.12E-06	30YrCancerDerived_InhSoilDermMMilk	3.12E-06
1561	ALL	669382.3	4344241	3.12E-06	30YrCancerDerived_InhSoilDermMMilk	3.12E-06
58	ALL	668542.3	4343361	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-06
1577	ALL	668682.3	4344261	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-06
1198	ALL	668542.3	4344081	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
612	ALL	668842.3	4343621	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
804	ALL	668982.3	4343781	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
579	ALL	668822.3	4343601	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
645	ALL	668862.3	4343641	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
230	ALL	668642.3	4343441	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
1387	ALL	669302.3	4344161	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
537	ALL	668802.3	4343581	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
1263	ALL	669202.3	4344101	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
1157	ALL	668522.3	4344061	3.08E-06	30YrCancerDerived_InhSoilDermMMilk	3.08E-06
668	ALL	668882.3	4343661	3.08E-06	30YrCancerDerived_InhSoilDermMMilk	3.08E-06
1404	ALL	668622.3	4344181	3.08E-06	30YrCancerDerived_InhSoilDermMMilk	3.08E-06
1534	ALL	668662.3	4344241	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
1116	ALL	668502.3	4344041	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-06
495	ALL	668782.3	4343561	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-06
1078	ALL	668482.3	4344021	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-06
1139	ALL	669182.3	4344041	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-06
1362	ALL	668602.3	4344161	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
1604	ALL	669402.3	4344261	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
1738	ALL	669442.3	4344321	3.04E-06	30YrCancerDerived_InhSoilDermMMilk	3.04E-06
1044	ALL	668462.3	4344001	3.04E-06	30YrCancerDerived_InhSoilDermMMilk	3.04E-06
450	ALL	668762.3	4343541	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
1099	ALL	669182.3	4344021	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
1345	ALL	669282.3	4344141	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
1708	ALL	668722.3	4344321	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
1490	ALL	668642.3	4344221	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
1323	ALL	668582.3	4344141	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
405	ALL	668742.3	4343521	3.02E-06	30YrCancerDerived_InhSoilDermMMilk	3.02E-06
1017	ALL	668442.3	4343981	3.01E-06	30YrCancerDerived_InhSoilDermMMilk	3.01E-06
1663	ALL	668702.3	4344301	3.00E-06	30YrCancerDerived_InhSoilDermMMilk	3.00E-06
361	ALL	668722.3	4343501	3.00E-06	30YrCancerDerived_InhSoilDermMMilk	3.00E-06
1305	ALL	669242.3	4344121	3.00E-06	30YrCancerDerived_InhSoilDermMMilk	3.00E-06
1282	ALL	668562.3	4344121	3.00E-06	30YrCancerDerived_InhSoilDermMMilk	3.00E-06
317	ALL	668702.3	4343481	2.98E-06	30YrCancerDerived_InhSoilDermMMilk	2.98E-06
1648	ALL	669422.3	4344281	2.98E-06	30YrCancerDerived_InhSoilDermMMilk	2.98E-06
1519	ALL	669382.3	4344221	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06
1240	ALL	668542.3	4344101	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06
1475	ALL	669362.3	4344201	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06
1619	ALL	668682.3	4344281	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06
273	ALL	668682.3	4343461	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
1447	ALL	668622.3	4344201	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
1432	ALL	669342.3	4344181	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06
1197	ALL	668522.3	4344081	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06
1062	ALL	669182.3	4344001	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06
1576	ALL	668662.3	4344261	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
1156	ALL	668502.3	4344061	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
580	ALL	668842.3	4343601	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
1306	ALL	669262.3	4344121	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
538	ALL	668822.3	4343581	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
613	ALL	668862.3	4343621	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06

1115	ALL	668482.3	4344041	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
1403	ALL	668602.3	4344181	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
1222	ALL	669202.3	4344081	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
231	ALL	668662.3	4343441	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
1388	ALL	669322.3	4344161	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
496	ALL	668802.3	4343561	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
59	ALL	668562.3	4343361	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
646	ALL	668882.3	4343641	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
1562	ALL	669402.3	4344241	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
1077	ALL	668462.3	4344021	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
669	ALL	668902.3	4343661	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
1693	ALL	669442.3	4344301	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
1533	ALL	668642.3	4344241	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
1361	ALL	668582.3	4344161	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
1043	ALL	668442.3	4344001	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
189	ALL	668642.3	4343421	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
1264	ALL	669222.3	4344101	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
451	ALL	668782.3	4343541	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
1346	ALL	669302.3	4344141	2.87E-06	30YrCancerDerived_InhSoilDermMMilk	2.87E-06
1707	ALL	668702.3	4344321	2.87E-06	30YrCancerDerived_InhSoilDermMMilk	2.87E-06
1322	ALL	668562.3	4344141	2.87E-06	30YrCancerDerived_InhSoilDermMMilk	2.87E-06
805	ALL	669002.3	4343781	2.86E-06	30YrCancerDerived_InhSoilDermMMilk	2.86E-06
406	ALL	668762.3	4343521	2.86E-06	30YrCancerDerived_InhSoilDermMMilk	2.86E-06
1489	ALL	668622.3	4344221	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
1605	ALL	669422.3	4344261	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
1281	ALL	668542.3	4344121	2.84E-06	30YrCancerDerived_InhSoilDermMMilk	2.84E-06
362	ALL	668742.3	4343501	2.84E-06	30YrCancerDerived_InhSoilDermMMilk	2.84E-06
1662	ALL	668682.3	4344301	2.84E-06	30YrCancerDerived_InhSoilDermMMilk	2.84E-06
1180	ALL	669202.3	4344061	2.84E-06	30YrCancerDerived_InhSoilDermMMilk	2.84E-06
1029	ALL	669182.3	4343981	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
769	ALL	668982.3	4343741	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
318	ALL	668722.3	4343481	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
1239	ALL	668522.3	4344101	2.82E-06	30YrCancerDerived_InhSoilDermMMilk	2.82E-06
274	ALL	668702.3	4343461	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
1618	ALL	668662.3	4344281	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
1196	ALL	668502.3	4344081	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
1476	ALL	669382.3	4344201	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
1433	ALL	669362.3	4344181	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
1307	ALL	669282.3	4344121	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
1446	ALL	668602.3	4344201	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
1155	ALL	668482.3	4344061	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
1140	ALL	669202.3	4344041	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
1649	ALL	669442.3	4344281	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
1114	ALL	668462.3	4344041	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
232	ALL	668682.3	4343441	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
1520	ALL	669402.3	4344221	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
1575	ALL	668642.3	4344261	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
1402	ALL	668582.3	4344181	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
1389	ALL	669342.3	4344161	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
497	ALL	668822.3	4343561	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
539	ALL	668842.3	4343581	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
1076	ALL	668442.3	4344021	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
1100	ALL	669202.3	4344021	2.76E-06	30YrCancerDerived_InhSoilDermMMilk	2.76E-06
614	ALL	668882.3	4343621	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
581	ALL	668862.3	4343601	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
1360	ALL	668562.3	4344161	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
647	ALL	668902.3	4343641	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
452	ALL	668802.3	4343541	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
60	ALL	668582.3	4343361	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
1265	ALL	669242.3	4344101	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06
1532	ALL	668622.3	4344241	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06
190	ALL	668662.3	4343421	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06
670	ALL	668922.3	4343661	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06
1321	ALL	668542.3	4344141	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06
1347	ALL	669322.3	4344141	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06
1563	ALL	669422.3	4344241	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06
1706	ALL	668682.3	4344321	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06
1003	ALL	669182.3	4343961	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06
407	ALL	668782.3	4343521	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06
1280	ALL	668522.3	4344121	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06
1223	ALL	669222.3	4344081	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
883	ALL	669082.7	4343856	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
726	ALL	668962.3	4343701	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
148	ALL	668642.3	4343401	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
363	ALL	668762.3	4343501	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
748	ALL	668982.3	4343721	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06

1488	ALL	668602.3	4344221	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
1063	ALL	669202.3	4344001	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
1661	ALL	668662.3	4344301	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
1238	ALL	668502.3	4344101	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
1195	ALL	668482.3	4344081	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
319	ALL	668742.3	4343481	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
770	ALL	669002.3	4343741	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
1266	ALL	669262.3	4344101	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
275	ALL	668722.3	4343461	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
1606	ALL	669442.3	4344261	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
1154	ALL	668462.3	4344061	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
1617	ALL	668642.3	4344281	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
1445	ALL	668582.3	4344201	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
1308	ALL	669302.3	4344121	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
1113	ALL	668442.3	4344041	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
1434	ALL	669382.3	4344181	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
106	ALL	668622.3	4343381	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
233	ALL	668702.3	4343441	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
806	ALL	669022.3	4343781	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
1401	ALL	668562.3	4344181	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
1390	ALL	669362.3	4344161	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
1574	ALL	668622.3	4344261	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
1477	ALL	669402.3	4344201	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
1181	ALL	669222.3	4344061	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
453	ALL	668822.3	4343541	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
1359	ALL	668542.3	4344161	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
498	ALL	668842.3	4343561	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
1030	ALL	669202.3	4343981	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06
191	ALL	668682.3	4343421	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06
1521	ALL	669422.3	4344221	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
1320	ALL	668522.3	4344141	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
61	ALL	668602.3	4343361	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
615	ALL	668902.3	4343621	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
1531	ALL	668602.3	4344241	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
408	ALL	668802.3	4343521	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
540	ALL	668862.3	4343581	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
648	ALL	668922.3	4343641	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
582	ALL	668882.3	4343601	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
1141	ALL	669222.3	4344041	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
1279	ALL	668502.3	4344121	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
1705	ALL	668662.3	4344321	2.58E-06	30YrCancerDerived_InhSoilDermMMilk	2.58E-06
1237	ALL	668482.3	4344101	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
696	ALL	668962.3	4343681	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
1267	ALL	669282.3	4344101	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
149	ALL	668662.3	4343401	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
727	ALL	668982.3	4343701	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
1348	ALL	669342.3	4344141	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
364	ALL	668782.3	4343501	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
749	ALL	669002.3	4343721	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
1194	ALL	668462.3	4344081	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
1487	ALL	668582.3	4344221	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
1660	ALL	668642.3	4344301	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
1224	ALL	669242.3	4344081	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
1101	ALL	669222.3	4344021	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
1564	ALL	669442.3	4344241	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
1153	ALL	668442.3	4344061	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
320	ALL	668762.3	4343481	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
1444	ALL	668562.3	4344201	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
1616	ALL	668622.3	4344281	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
276	ALL	668742.3	4343461	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
1004	ALL	669202.3	4343961	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
1309	ALL	669322.3	4344121	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
107	ALL	668642.3	4343381	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
234	ALL	668722.3	4343441	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
1400	ALL	668542.3	4344181	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
1391	ALL	669382.3	4344161	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
1573	ALL	668602.3	4344261	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
1358	ALL	668522.3	4344161	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
1435	ALL	669402.3	4344181	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
1064	ALL	669222.3	4344001	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-06
454	ALL	668842.3	4343541	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-06
192	ALL	668702.3	4343421	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-06
1319	ALL	668502.3	4344141	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-06
409	ALL	668822.3	4343521	2.48E-06	30YrCancerDerived_InhSoilDermMMilk	2.48E-06
1478	ALL	669422.3	4344201	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
1278	ALL	668482.3	4344121	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06

1530	ALL	668582.3	4344241	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
1225	ALL	669262.3	4344081	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
62	ALL	668622.3	4343361	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
1182	ALL	669242.3	4344061	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-06
1236	ALL	668462.3	4344101	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-06
616	ALL	668922.3	4343621	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-06
499	ALL	668862.3	4343561	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-06
1704	ALL	668642.3	4344321	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
365	ALL	668802.3	4343501	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
583	ALL	668902.3	4343601	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
1268	ALL	669302.3	4344101	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
150	ALL	668682.3	4343401	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
1193	ALL	668442.3	4344081	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
697	ALL	668982.3	4343681	2.44E-06	30YrCancerDerived_InhSoilDermMMilk	2.44E-06
1522	ALL	669442.3	4344221	2.44E-06	30YrCancerDerived_InhSoilDermMMilk	2.44E-06
541	ALL	668882.3	4343581	2.44E-06	30YrCancerDerived_InhSoilDermMMilk	2.44E-06
1486	ALL	668562.3	4344221	2.44E-06	30YrCancerDerived_InhSoilDermMMilk	2.44E-06
1349	ALL	669362.3	4344141	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
1659	ALL	668622.3	4344301	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
1031	ALL	669222.3	4343981	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
321	ALL	668782.3	4343481	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
1443	ALL	668542.3	4344201	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
1142	ALL	669242.3	4344041	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
108	ALL	668662.3	4343381	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
1615	ALL	668602.3	4344281	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
1399	ALL	668522.3	4344181	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
771	ALL	669042.3	4343741	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
277	ALL	668762.3	4343461	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
1357	ALL	668502.3	4344161	2.39E-06	30YrCancerDerived_InhSoilDermMMilk	2.39E-06
235	ALL	668742.3	4343441	2.39E-06	30YrCancerDerived_InhSoilDermMMilk	2.39E-06
1318	ALL	668482.3	4344141	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
1226	ALL	669282.3	4344081	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
1572	ALL	668582.3	4344261	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
193	ALL	668722.3	4343421	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
1392	ALL	669402.3	4344161	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
1102	ALL	669242.3	4344021	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
410	ALL	668842.3	4343521	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
1277	ALL	668462.3	4344121	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
1310	ALL	669342.3	4344121	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
826	ALL	669062.3	4343801	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
1436	ALL	669422.3	4344181	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
455	ALL	668862.3	4343541	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
907	ALL	669182.3	4343881	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
1235	ALL	668442.3	4344101	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
1529	ALL	668562.3	4344241	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
366	ALL	668822.3	4343501	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
807	ALL	669062.3	4343781	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
63	ALL	668642.3	4343361	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
1005	ALL	669222.3	4343961	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
151	ALL	668702.3	4343401	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
1183	ALL	669262.3	4344061	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
1350	ALL	669382.3	4344141	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
1479	ALL	669442.3	4344201	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
617	ALL	668942.3	4343621	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
1703	ALL	668622.3	4344321	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
584	ALL	668922.3	4343601	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
698	ALL	669002.3	4343681	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
1269	ALL	669322.3	4344101	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
1485	ALL	668542.3	4344221	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
542	ALL	668902.3	4343581	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
1065	ALL	669242.3	4344001	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
322	ALL	668802.3	4343481	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
750	ALL	669042.3	4343721	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
500	ALL	668882.3	4343561	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
1658	ALL	668602.3	4344301	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-06
1442	ALL	668522.3	4344201	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-06
1398	ALL	668502.3	4344181	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
109	ALL	668682.3	4343381	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
1227	ALL	669302.3	4344081	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
1356	ALL	668482.3	4344161	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
1614	ALL	668582.3	4344281	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
278	ALL	668782.3	4343461	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
772	ALL	669062.3	4343741	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
1317	ALL	668462.3	4344141	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
236	ALL	668762.3	4343441	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
1184	ALL	669282.3	4344061	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06

1571	ALL	668562.3	4344261	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
1276	ALL	668442.3	4344121	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
411	ALL	668862.3	4343521	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
194	ALL	668742.3	4343421	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
1032	ALL	669242.3	4343981	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
1393	ALL	669422.3	4344161	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
1143	ALL	669262.3	4344041	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
1311	ALL	669362.3	4344121	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-06
367	ALL	668842.3	4343501	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-06
1528	ALL	668542.3	4344241	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-06
1351	ALL	669402.3	4344141	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
1437	ALL	669442.3	4344181	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
618	ALL	668962.3	4343621	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
152	ALL	668722.3	4343401	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
64	ALL	668662.3	4343361	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
456	ALL	668882.3	4343541	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
585	ALL	668942.3	4343601	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
908	ALL	669202.3	4343881	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
323	ALL	668822.3	4343481	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
699	ALL	669022.3	4343681	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
1103	ALL	669262.3	4344021	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
1702	ALL	668602.3	4344321	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
543	ALL	668922.3	4343581	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
1484	ALL	668522.3	4344221	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
728	ALL	669042.3	4343701	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
751	ALL	669062.3	4343721	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
501	ALL	668902.3	4343561	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
1441	ALL	668502.3	4344201	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
1185	ALL	669302.3	4344061	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
1657	ALL	668582.3	4344301	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
1397	ALL	668482.3	4344181	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
1228	ALL	669322.3	4344081	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
1312	ALL	669382.3	4344121	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
1144	ALL	669282.3	4344041	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
1355	ALL	668462.3	4344161	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
279	ALL	668802.3	4343461	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
110	ALL	668702.3	4343381	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
1270	ALL	669342.3	4344101	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-06
1613	ALL	668562.3	4344281	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-06
1316	ALL	668442.3	4344141	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-06
1006	ALL	669242.3	4343961	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
773	ALL	669082.3	4343741	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
1066	ALL	669262.3	4344001	2.17E-06	30YrCancerDerived_InhSoilDermMMilk	2.17E-06
237	ALL	668782.3	4343441	2.17E-06	30YrCancerDerived_InhSoilDermMMilk	2.17E-06
1570	ALL	668542.3	4344261	2.17E-06	30YrCancerDerived_InhSoilDermMMilk	2.17E-06
884	ALL	669202.3	4343861	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
368	ALL	668862.3	4343501	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
412	ALL	668882.3	4343521	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
195	ALL	668762.3	4343421	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
1145	ALL	669302.3	4344041	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
619	ALL	668982.3	4343621	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
1186	ALL	669322.3	4344061	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
586	ALL	668962.3	4343601	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
1394	ALL	669442.3	4344161	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
1527	ALL	668522.3	4344241	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
1352	ALL	669422.3	4344141	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
544	ALL	668942.3	4343581	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
324	ALL	668842.3	4343481	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
65	ALL	668682.3	4343361	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
457	ALL	668902.3	4343541	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
153	ALL	668742.3	4343401	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
1104	ALL	669282.3	4344021	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
1483	ALL	668502.3	4344221	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
502	ALL	668922.3	4343561	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
729	ALL	669062.3	4343701	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
1313	ALL	669402.3	4344121	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
1701	ALL	668582.3	4344321	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
1440	ALL	668482.3	4344201	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
979	ALL	669242.3	4343941	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
752	ALL	669082.3	4343721	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
1396	ALL	668462.3	4344181	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
1229	ALL	669342.3	4344081	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
1271	ALL	669362.3	4344101	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
280	ALL	668822.3	4343461	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
1656	ALL	668562.3	4344301	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
1354	ALL	668442.3	4344161	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06

111	ALL	668722.3	4343381	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
1033	ALL	669262.3	4343981	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
827	ALL	669162.3	4343801	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
1146	ALL	669322.3	4344041	2.10E-06	30YrCancerDerived_InhSoilDermMMilk	2.10E-06
1612	ALL	668542.3	4344281	2.10E-06	30YrCancerDerived_InhSoilDermMMilk	2.10E-06
1187	ALL	669342.3	4344061	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
1272	ALL	669382.3	4344101	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
238	ALL	668802.3	4343441	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
1569	ALL	668522.3	4344261	2.08E-06	30YrCancerDerived_InhSoilDermMMilk	2.08E-06
587	ALL	668982.3	4343601	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
369	ALL	668882.3	4343501	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
545	ALL	668962.3	4343581	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
620	ALL	669002.3	4343621	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
196	ALL	668782.3	4343421	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
413	ALL	668902.3	4343521	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
1526	ALL	668502.3	4344241	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
1067	ALL	669282.3	4344001	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
1105	ALL	669302.3	4344021	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
503	ALL	668942.3	4343561	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
1147	ALL	669342.3	4344041	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
458	ALL	668922.3	4343541	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
1230	ALL	669362.3	4344081	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
325	ALL	668862.3	4343481	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
66	ALL	668702.3	4343361	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
1314	ALL	669422.3	4344121	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
1353	ALL	669442.3	4344141	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
1482	ALL	668482.3	4344221	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
700	ALL	669062.3	4343681	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
1439	ALL	668462.3	4344201	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
730	ALL	669082.3	4343701	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
154	ALL	668762.3	4343401	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
1007	ALL	669262.3	4343961	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
1188	ALL	669362.3	4344061	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
885	ALL	669222.3	4343861	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
1395	ALL	668442.3	4344181	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
1700	ALL	668562.3	4344321	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
281	ALL	668842.3	4343461	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
828	ALL	669182.3	4343801	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
1273	ALL	669402.3	4344101	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
1655	ALL	668542.3	4344301	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
1231	ALL	669382.3	4344081	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
792	ALL	669142.3	4343761	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
112	ALL	668742.3	4343381	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
239	ALL	668822.3	4343441	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
1148	ALL	669362.3	4344041	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
1611	ALL	668522.3	4344281	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
1106	ALL	669322.3	4344021	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	2.00E-06
1568	ALL	668502.3	4344261	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
1189	ALL	669382.3	4344061	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
546	ALL	668982.3	4343581	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
504	ALL	668962.3	4343561	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
588	ALL	669002.3	4343601	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
67	ALL	668722.3	4343361	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
1034	ALL	669282.3	4343981	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
459	ALL	668942.3	4343541	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
197	ALL	668802.3	4343421	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
414	ALL	668922.3	4343521	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
621	ALL	669022.3	4343621	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
370	ALL	668902.3	4343501	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
1525	ALL	668482.3	4344241	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
980	ALL	669262.3	4343941	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
326	ALL	668882.3	4343481	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
1315	ALL	669442.3	4344121	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
1481	ALL	668462.3	4344221	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
863	ALL	669222.3	4343841	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
1274	ALL	669422.3	4344101	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
1232	ALL	669402.3	4344081	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
1438	ALL	668442.3	4344201	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
1068	ALL	669302.3	4344001	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
701	ALL	669082.3	4343681	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
155	ALL	668782.3	4343401	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
282	ALL	668862.3	4343461	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
1149	ALL	669382.3	4344041	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
1107	ALL	669342.3	4344021	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
1699	ALL	668542.3	4344321	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06
1654	ALL	668522.3	4344301	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06

1190	ALL	669402.3	4344061	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
113	ALL	668762.3	4343381	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
240	ALL	668842.3	4343441	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
1610	ALL	668502.3	4344281	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06
956	ALL	669262.3	4343921	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
1567	ALL	668482.3	4344261	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
547	ALL	669002.3	4343581	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
505	ALL	668982.3	4343561	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
1008	ALL	669282.3	4343961	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
460	ALL	668962.3	4343541	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
589	ALL	669022.3	4343601	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
1233	ALL	669422.3	4344081	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
68	ALL	668742.3	4343361	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
198	ALL	668822.3	4343421	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
415	ALL	668942.3	4343521	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
1108	ALL	669362.3	4344021	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
1275	ALL	669442.3	4344101	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
1524	ALL	668462.3	4344241	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
622	ALL	669042.3	4343621	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
371	ALL	668922.3	4343501	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
1480	ALL	668442.3	4344221	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
327	ALL	668902.3	4343481	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
1150	ALL	669402.3	4344041	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
1069	ALL	669322.3	4344001	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
156	ALL	668802.3	4343401	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
283	ALL	668882.3	4343461	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
774	ALL	669162.3	4343741	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
1035	ALL	669302.3	4343981	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
1698	ALL	668522.3	4344321	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
808	ALL	669202.3	4343781	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
1191	ALL	669422.3	4344061	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
1653	ALL	668502.3	4344301	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
1109	ALL	669382.3	4344021	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
241	ALL	668862.3	4343441	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
114	ALL	668782.3	4343381	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
1609	ALL	668482.3	4344281	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
981	ALL	669282.3	4343941	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
1234	ALL	669442.3	4344081	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
1566	ALL	668462.3	4344261	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
548	ALL	669022.3	4343581	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
506	ALL	669002.3	4343561	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
590	ALL	669042.3	4343601	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
199	ALL	668842.3	4343421	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
461	ALL	668982.3	4343541	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
1070	ALL	669342.3	4344001	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
1523	ALL	668442.3	4344241	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
69	ALL	668762.3	4343361	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
416	ALL	668962.3	4343521	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
623	ALL	669062.3	4343621	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
372	ALL	668942.3	4343501	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
328	ALL	668922.3	4343481	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
1151	ALL	669422.3	4344041	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
157	ALL	668822.3	4343401	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
1110	ALL	669402.3	4344021	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
753	ALL	669162.3	4343721	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
284	ALL	668902.3	4343461	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
702	ALL	669122.3	4343681	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
1009	ALL	669302.3	4343961	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
775	ALL	669182.3	4343741	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
957	ALL	669282.3	4343921	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
1697	ALL	668502.3	4344321	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
1071	ALL	669362.3	4344001	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
1652	ALL	668482.3	4344301	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
242	ALL	668882.3	4343441	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
809	ALL	669222.3	4343781	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
1192	ALL	669442.3	4344061	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
115	ALL	668802.3	4343381	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
1608	ALL	668462.3	4344281	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
1036	ALL	669322.3	4343981	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
1565	ALL	668442.3	4344261	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
933	ALL	669282.3	4343901	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
200	ALL	668862.3	4343421	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
549	ALL	669042.3	4343581	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
507	ALL	669022.3	4343561	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
591	ALL	669062.3	4343601	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
462	ALL	669002.3	4343541	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06

70	ALL	668782.3	4343361	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
624	ALL	669082.3	4343621	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
417	ALL	668982.3	4343521	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
373	ALL	668962.3	4343501	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
1072	ALL	669382.3	4344001	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
329	ALL	668942.3	4343481	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
982	ALL	669302.3	4343941	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
158	ALL	668842.3	4343401	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
1111	ALL	669422.3	4344021	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
703	ALL	669142.3	4343681	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
285	ALL	668922.3	4343461	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
1152	ALL	669442.3	4344041	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
1010	ALL	669322.3	4343961	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06
1696	ALL	668482.3	4344321	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06
243	ALL	668902.3	4343441	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
1037	ALL	669342.3	4343981	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
1651	ALL	668462.3	4344301	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
116	ALL	668822.3	4343381	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
1607	ALL	668442.3	4344281	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
1073	ALL	669402.3	4344001	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
201	ALL	668882.3	4343421	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
550	ALL	669062.3	4343581	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
508	ALL	669042.3	4343561	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
592	ALL	669082.3	4343601	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
463	ALL	669022.3	4343541	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
958	ALL	669302.3	4343921	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
71	ALL	668802.3	4343361	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
625	ALL	669102.3	4343621	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
418	ALL	669002.3	4343521	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
159	ALL	668862.3	4343401	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
374	ALL	668982.3	4343501	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
1038	ALL	669362.3	4343981	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
671	ALL	669142.3	4343661	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
704	ALL	669162.3	4343681	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
330	ALL	668962.3	4343481	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
286	ALL	668942.3	4343461	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
983	ALL	669322.3	4343941	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
934	ALL	669302.3	4343901	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
1112	ALL	669442.3	4344021	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
1011	ALL	669342.3	4343961	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
1695	ALL	668462.3	4344321	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
244	ALL	668922.3	4343441	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
117	ALL	668842.3	4343381	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
1650	ALL	668442.3	4344301	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
1074	ALL	669422.3	4344001	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
909	ALL	669302.3	4343881	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
202	ALL	668902.3	4343421	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
1039	ALL	669382.3	4343981	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
551	ALL	669082.3	4343581	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
593	ALL	669102.3	4343601	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
509	ALL	669062.3	4343561	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
464	ALL	669042.3	4343541	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
626	ALL	669122.3	4343621	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
72	ALL	668822.3	4343361	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
419	ALL	669022.3	4343521	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
649	ALL	669142.3	4343641	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
160	ALL	668882.3	4343401	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
672	ALL	669162.3	4343661	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
705	ALL	669182.3	4343681	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
375	ALL	669002.3	4343501	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
886	ALL	669302.3	4343861	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
1012	ALL	669362.3	4343961	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
959	ALL	669322.3	4343921	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
984	ALL	669342.3	4343941	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
331	ALL	668982.3	4343481	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
1694	ALL	668442.3	4344321	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
1040	ALL	669402.3	4343981	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
287	ALL	668962.3	4343461	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
118	ALL	668862.3	4343381	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
245	ALL	668942.3	4343441	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
776	ALL	669242.3	4343741	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
1075	ALL	669442.3	4344001	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
935	ALL	669322.3	4343901	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
203	ALL	668922.3	4343421	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
552	ALL	669102.3	4343581	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
594	ALL	669122.3	4343601	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06

910	ALL	669322.3	4343881	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
510	ALL	669082.3	4343561	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
627	ALL	669142.3	4343621	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
465	ALL	669062.3	4343541	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
864	ALL	669302.3	4343841	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
73	ALL	668842.3	4343361	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
1013	ALL	669382.3	4343961	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
650	ALL	669162.3	4343641	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
420	ALL	669042.3	4343521	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
673	ALL	669182.3	4343661	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
161	ALL	668902.3	4343401	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
706	ALL	669202.3	4343681	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
985	ALL	669362.3	4343941	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
960	ALL	669342.3	4343921	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
1041	ALL	669422.3	4343981	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
376	ALL	669022.3	4343501	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
887	ALL	669322.3	4343861	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
936	ALL	669342.3	4343901	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
119	ALL	668882.3	4343381	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
332	ALL	669002.3	4343481	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
911	ALL	669342.3	4343881	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
288	ALL	668982.3	4343461	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
1014	ALL	669402.3	4343961	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
246	ALL	668962.3	4343441	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
754	ALL	669242.3	4343721	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
986	ALL	669382.3	4343941	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
847	ALL	669302.3	4343821	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
810	ALL	669282.3	4343781	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
204	ALL	668942.3	4343421	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
961	ALL	669362.3	4343921	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
595	ALL	669142.3	4343601	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
553	ALL	669122.3	4343581	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
74	ALL	668862.3	4343361	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
511	ALL	669102.3	4343561	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
628	ALL	669162.3	4343621	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
865	ALL	669322.3	4343841	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
937	ALL	669362.3	4343901	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
888	ALL	669342.3	4343861	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
466	ALL	669082.3	4343541	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
651	ALL	669182.3	4343641	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
777	ALL	669262.3	4343741	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
421	ALL	669062.3	4343521	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
162	ALL	668922.3	4343401	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
674	ALL	669202.3	4343661	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
1042	ALL	669442.3	4343981	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
962	ALL	669382.3	4343921	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
377	ALL	669042.3	4343501	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
912	ALL	669362.3	4343881	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
707	ALL	669222.3	4343681	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
987	ALL	669402.3	4343941	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
1015	ALL	669422.3	4343961	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
120	ALL	668902.3	4343381	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
333	ALL	669022.3	4343481	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
829	ALL	669302.3	4343801	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
938	ALL	669382.3	4343901	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
289	ALL	669002.3	4343461	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
731	ALL	669242.3	4343701	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
793	ALL	669282.3	4343761	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
247	ALL	668982.3	4343441	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
889	ALL	669362.3	4343861	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
866	ALL	669342.3	4343841	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
75	ALL	668882.3	4343361	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
848	ALL	669322.3	4343821	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
963	ALL	669402.3	4343921	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
205	ALL	668962.3	4343421	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
554	ALL	669142.3	4343581	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
596	ALL	669162.3	4343601	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
512	ALL	669122.3	4343561	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
629	ALL	669182.3	4343621	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
467	ALL	669102.3	4343541	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
988	ALL	669422.3	4343941	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
652	ALL	669202.3	4343641	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
913	ALL	669382.3	4343881	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
422	ALL	669082.3	4343521	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
163	ALL	668942.3	4343401	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
811	ALL	669302.3	4343781	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06

378	ALL	669062.3	4343501	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
755	ALL	669262.3	4343721	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
675	ALL	669222.3	4343661	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
1016	ALL	669442.3	4343961	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
939	ALL	669402.3	4343901	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
121	ALL	668922.3	4343381	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
334	ALL	669042.3	4343481	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
964	ALL	669422.3	4343921	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
867	ALL	669362.3	4343841	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
849	ALL	669342.3	4343821	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
708	ALL	669242.3	4343681	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
76	ALL	668902.3	4343361	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
290	ALL	669022.3	4343461	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
890	ALL	669382.3	4343861	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
830	ALL	669322.3	4343801	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
778	ALL	669282.3	4343741	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
989	ALL	669442.3	4343941	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
248	ALL	669002.3	4343441	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
914	ALL	669402.3	4343881	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
206	ALL	668982.3	4343421	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
513	ALL	669142.3	4343561	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
555	ALL	669162.3	4343581	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
597	ALL	669182.3	4343601	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
630	ALL	669202.3	4343621	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
468	ALL	669122.3	4343541	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
940	ALL	669422.3	4343901	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
423	ALL	669102.3	4343521	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
794	ALL	669302.3	4343761	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
164	ALL	668962.3	4343401	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
653	ALL	669222.3	4343641	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
965	ALL	669442.3	4343921	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
379	ALL	669082.3	4343501	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
732	ALL	669262.3	4343701	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
812	ALL	669322.3	4343781	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
122	ALL	668942.3	4343381	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
850	ALL	669362.3	4343821	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
868	ALL	669382.3	4343841	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
335	ALL	669062.3	4343481	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
831	ALL	669342.3	4343801	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
891	ALL	669402.3	4343861	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
676	ALL	669242.3	4343661	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
77	ALL	668922.3	4343361	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
291	ALL	669042.3	4343461	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
915	ALL	669422.3	4343881	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
249	ALL	669022.3	4343441	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
941	ALL	669442.3	4343901	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
756	ALL	669282.3	4343721	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
207	ALL	669002.3	4343421	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
556	ALL	669182.3	4343581	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
514	ALL	669162.3	4343561	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
598	ALL	669202.3	4343601	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
469	ALL	669142.3	4343541	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
631	ALL	669222.3	4343621	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
424	ALL	669122.3	4343521	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
165	ALL	668982.3	4343401	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
709	ALL	669262.3	4343681	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
813	ALL	669342.3	4343781	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
779	ALL	669302.3	4343741	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
832	ALL	669362.3	4343801	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
380	ALL	669102.3	4343501	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
851	ALL	669382.3	4343821	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
869	ALL	669402.3	4343841	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
123	ALL	668962.3	4343381	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
795	ALL	669322.3	4343761	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
892	ALL	669422.3	4343861	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
654	ALL	669242.3	4343641	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
336	ALL	669082.3	4343481	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
78	ALL	668942.3	4343361	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
916	ALL	669442.3	4343881	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
292	ALL	669062.3	4343461	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
28	ALL	668922.3	4343341	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
250	ALL	669042.3	4343441	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
733	ALL	669282.3	4343701	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
599	ALL	669222.3	4343601	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
208	ALL	669022.3	4343421	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
677	ALL	669262.3	4343661	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06

814	ALL	669362.3	4343781	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
833	ALL	669382.3	4343801	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
515	ALL	669182.3	4343561	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
557	ALL	669202.3	4343581	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
852	ALL	669402.3	4343821	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
470	ALL	669162.3	4343541	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
166	ALL	669002.3	4343401	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
425	ALL	669142.3	4343521	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
870	ALL	669422.3	4343841	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
796	ALL	669342.3	4343761	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
632	ALL	669242.3	4343621	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
381	ALL	669122.3	4343501	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
893	ALL	669442.3	4343861	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
124	ALL	668982.3	4343381	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
757	ALL	669302.3	4343721	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
337	ALL	669102.3	4343481	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
79	ALL	668962.3	4343361	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
780	ALL	669322.3	4343741	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
293	ALL	669082.3	4343461	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
29	ALL	668942.3	4343341	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
710	ALL	669282.3	4343681	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
655	ALL	669262.3	4343641	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
815	ALL	669382.3	4343781	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
834	ALL	669402.3	4343801	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
251	ALL	669062.3	4343441	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
853	ALL	669422.3	4343821	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
797	ALL	669362.3	4343761	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
1	ALL	668922.3	4343321	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
209	ALL	669042.3	4343421	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
871	ALL	669442.3	4343841	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
558	ALL	669222.3	4343581	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
600	ALL	669242.3	4343601	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
516	ALL	669202.3	4343561	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
167	ALL	669022.3	4343401	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
471	ALL	669182.3	4343541	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
426	ALL	669162.3	4343521	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
678	ALL	669282.3	4343661	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
382	ALL	669142.3	4343501	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
781	ALL	669342.3	4343741	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
125	ALL	669002.3	4343381	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
734	ALL	669302.3	4343701	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
758	ALL	669322.3	4343721	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
633	ALL	669262.3	4343621	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
338	ALL	669122.3	4343481	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
80	ALL	668982.3	4343361	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
798	ALL	669382.3	4343761	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
816	ALL	669402.3	4343781	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
294	ALL	669102.3	4343461	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
30	ALL	668962.3	4343341	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
835	ALL	669422.3	4343801	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
854	ALL	669442.3	4343821	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
252	ALL	669082.3	4343441	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
2	ALL	668942.3	4343321	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
782	ALL	669362.3	4343741	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
656	ALL	669282.3	4343641	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
559	ALL	669242.3	4343581	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
210	ALL	669062.3	4343421	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
517	ALL	669222.3	4343561	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
711	ALL	669302.3	4343681	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
168	ALL	669042.3	4343401	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
601	ALL	669262.3	4343601	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
472	ALL	669202.3	4343541	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
427	ALL	669182.3	4343521	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
126	ALL	669022.3	4343381	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
383	ALL	669162.3	4343501	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
759	ALL	669342.3	4343721	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
735	ALL	669322.3	4343701	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
783	ALL	669382.3	4343741	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
81	ALL	669002.3	4343361	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
339	ALL	669142.3	4343481	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
799	ALL	669402.3	4343761	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
679	ALL	669302.3	4343661	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
634	ALL	669282.3	4343621	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
817	ALL	669422.3	4343781	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
31	ALL	668982.3	4343341	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
295	ALL	669122.3	4343461	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06

836	ALL	669442.3	4343801	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
3	ALL	668962.3	4343321	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
253	ALL	669102.3	4343441	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
211	ALL	669082.3	4343421	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
560	ALL	669262.3	4343581	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
657	ALL	669302.3	4343641	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
518	ALL	669242.3	4343561	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
760	ALL	669362.3	4343721	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
169	ALL	669062.3	4343401	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
736	ALL	669342.3	4343701	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
473	ALL	669222.3	4343541	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
127	ALL	669042.3	4343381	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
602	ALL	669282.3	4343601	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
712	ALL	669322.3	4343681	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
428	ALL	669202.3	4343521	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
784	ALL	669402.3	4343741	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
384	ALL	669182.3	4343501	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
82	ALL	669022.3	4343361	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
761	ALL	669382.3	4343721	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
800	ALL	669422.3	4343761	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
340	ALL	669162.3	4343481	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
32	ALL	669002.3	4343341	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
818	ALL	669442.3	4343781	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
296	ALL	669142.3	4343461	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
680	ALL	669322.3	4343661	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
635	ALL	669302.3	4343621	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
4	ALL	668982.3	4343321	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
254	ALL	669122.3	4343441	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
737	ALL	669362.3	4343701	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
713	ALL	669342.3	4343681	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
212	ALL	669102.3	4343421	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
519	ALL	669262.3	4343561	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
561	ALL	669282.3	4343581	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
658	ALL	669322.3	4343641	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
170	ALL	669082.3	4343401	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
474	ALL	669242.3	4343541	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
128	ALL	669062.3	4343381	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
429	ALL	669222.3	4343521	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
785	ALL	669422.3	4343741	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
603	ALL	669302.3	4343601	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
83	ALL	669042.3	4343361	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
762	ALL	669402.3	4343721	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
738	ALL	669382.3	4343701	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
385	ALL	669202.3	4343501	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
33	ALL	669022.3	4343341	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
714	ALL	669362.3	4343681	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
801	ALL	669442.3	4343761	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
681	ALL	669342.3	4343661	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
341	ALL	669182.3	4343481	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
297	ALL	669162.3	4343461	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
5	ALL	669002.3	4343321	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
636	ALL	669322.3	4343621	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
255	ALL	669142.3	4343441	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
213	ALL	669122.3	4343421	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
520	ALL	669282.3	4343561	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
171	ALL	669102.3	4343401	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
562	ALL	669302.3	4343581	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
659	ALL	669342.3	4343641	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
475	ALL	669262.3	4343541	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
129	ALL	669082.3	4343381	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
430	ALL	669242.3	4343521	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
715	ALL	669382.3	4343681	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
84	ALL	669062.3	4343361	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
763	ALL	669422.3	4343721	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
739	ALL	669402.3	4343701	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
786	ALL	669442.3	4343741	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
682	ALL	669362.3	4343661	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
604	ALL	669322.3	4343601	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
386	ALL	669222.3	4343501	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
34	ALL	669042.3	4343341	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
342	ALL	669202.3	4343481	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
6	ALL	669022.3	4343321	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
298	ALL	669182.3	4343461	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
256	ALL	669162.3	4343441	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
637	ALL	669342.3	4343621	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
214	ALL	669142.3	4343421	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06

521	ALL	669302.3	4343561	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
172	ALL	669122.3	4343401	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
476	ALL	669282.3	4343541	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
660	ALL	669362.3	4343641	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
130	ALL	669102.3	4343381	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
563	ALL	669322.3	4343581	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
431	ALL	669262.3	4343521	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
85	ALL	669082.3	4343361	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
716	ALL	669402.3	4343681	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
764	ALL	669442.3	4343721	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
740	ALL	669422.3	4343701	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
683	ALL	669382.3	4343661	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
35	ALL	669062.3	4343341	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
387	ALL	669242.3	4343501	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
605	ALL	669342.3	4343601	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
7	ALL	669042.3	4343321	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
343	ALL	669222.3	4343481	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
299	ALL	669202.3	4343461	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
257	ALL	669182.3	4343441	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
638	ALL	669362.3	4343621	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
215	ALL	669162.3	4343421	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
173	ALL	669142.3	4343401	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
522	ALL	669322.3	4343561	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
477	ALL	669302.3	4343541	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
131	ALL	669122.3	4343381	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
661	ALL	669382.3	4343641	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
564	ALL	669342.3	4343581	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
432	ALL	669282.3	4343521	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
684	ALL	669402.3	4343661	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
86	ALL	669102.3	4343361	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
741	ALL	669442.3	4343701	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
717	ALL	669422.3	4343681	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
388	ALL	669262.3	4343501	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
36	ALL	669082.3	4343341	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
8	ALL	669062.3	4343321	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
344	ALL	669242.3	4343481	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
606	ALL	669362.3	4343601	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
300	ALL	669222.3	4343461	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
258	ALL	669202.3	4343441	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
639	ALL	669382.3	4343621	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
216	ALL	669182.3	4343421	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
174	ALL	669162.3	4343401	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
662	ALL	669402.3	4343641	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
478	ALL	669322.3	4343541	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
132	ALL	669142.3	4343381	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
523	ALL	669342.3	4343561	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
685	ALL	669422.3	4343661	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
87	ALL	669122.3	4343361	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
433	ALL	669302.3	4343521	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
718	ALL	669442.3	4343681	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
565	ALL	669362.3	4343581	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
37	ALL	669102.3	4343341	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
389	ALL	669282.3	4343501	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
345	ALL	669262.3	4343481	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
9	ALL	669082.3	4343321	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
607	ALL	669382.3	4343601	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
301	ALL	669242.3	4343461	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
259	ALL	669222.3	4343441	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
640	ALL	669402.3	4343621	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
217	ALL	669202.3	4343421	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
175	ALL	669182.3	4343401	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
133	ALL	669162.3	4343381	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
663	ALL	669422.3	4343641	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
479	ALL	669342.3	4343541	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
88	ALL	669142.3	4343361	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
686	ALL	669442.3	4343661	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
524	ALL	669362.3	4343561	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
434	ALL	669322.3	4343521	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
38	ALL	669122.3	4343341	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
566	ALL	669382.3	4343581	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
390	ALL	669302.3	4343501	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
10	ALL	669102.3	4343321	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
346	ALL	669282.3	4343481	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
302	ALL	669262.3	4343461	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
608	ALL	669402.3	4343601	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
260	ALL	669242.3	4343441	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06

218	ALL	669222.3	4343421	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
641	ALL	669422.3	4343621	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
176	ALL	669202.3	4343401	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
134	ALL	669182.3	4343381	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
89	ALL	669162.3	4343361	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
664	ALL	669442.3	4343641	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
480	ALL	669362.3	4343541	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
39	ALL	669142.3	4343341	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
525	ALL	669382.3	4343561	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
435	ALL	669342.3	4343521	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
11	ALL	669122.3	4343321	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
567	ALL	669402.3	4343581	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
391	ALL	669322.3	4343501	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
347	ALL	669302.3	4343481	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
303	ALL	669282.3	4343461	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
261	ALL	669262.3	4343441	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
219	ALL	669242.3	4343421	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
609	ALL	669422.3	4343601	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
177	ALL	669222.3	4343401	9.98E-07	30YrCancerDerived_InhSoilDermMMilk	9.98E-07
135	ALL	669202.3	4343381	9.97E-07	30YrCancerDerived_InhSoilDermMMilk	9.97E-07
642	ALL	669442.3	4343621	9.94E-07	30YrCancerDerived_InhSoilDermMMilk	9.94E-07
90	ALL	669182.3	4343361	9.94E-07	30YrCancerDerived_InhSoilDermMMilk	9.94E-07
40	ALL	669162.3	4343341	9.90E-07	30YrCancerDerived_InhSoilDermMMilk	9.90E-07
481	ALL	669382.3	4343541	9.86E-07	30YrCancerDerived_InhSoilDermMMilk	9.86E-07
436	ALL	669362.3	4343521	9.85E-07	30YrCancerDerived_InhSoilDermMMilk	9.85E-07
12	ALL	669142.3	4343321	9.85E-07	30YrCancerDerived_InhSoilDermMMilk	9.85E-07
526	ALL	669402.3	4343561	9.84E-07	30YrCancerDerived_InhSoilDermMMilk	9.84E-07
392	ALL	669342.3	4343501	9.81E-07	30YrCancerDerived_InhSoilDermMMilk	9.81E-07
568	ALL	669422.3	4343581	9.80E-07	30YrCancerDerived_InhSoilDermMMilk	9.80E-07
220	ALL	669262.3	4343421	9.78E-07	30YrCancerDerived_InhSoilDermMMilk	9.78E-07
262	ALL	669282.3	4343441	9.78E-07	30YrCancerDerived_InhSoilDermMMilk	9.78E-07
304	ALL	669302.3	4343461	9.77E-07	30YrCancerDerived_InhSoilDermMMilk	9.77E-07
348	ALL	669322.3	4343481	9.77E-07	30YrCancerDerived_InhSoilDermMMilk	9.77E-07
178	ALL	669242.3	4343401	9.77E-07	30YrCancerDerived_InhSoilDermMMilk	9.77E-07
136	ALL	669222.3	4343381	9.75E-07	30YrCancerDerived_InhSoilDermMMilk	9.75E-07
610	ALL	669442.3	4343601	9.74E-07	30YrCancerDerived_InhSoilDermMMilk	9.74E-07
91	ALL	669202.3	4343361	9.74E-07	30YrCancerDerived_InhSoilDermMMilk	9.74E-07
41	ALL	669182.3	4343341	9.69E-07	30YrCancerDerived_InhSoilDermMMilk	9.69E-07
13	ALL	669162.3	4343321	9.64E-07	30YrCancerDerived_InhSoilDermMMilk	9.64E-07
482	ALL	669402.3	4343541	9.60E-07	30YrCancerDerived_InhSoilDermMMilk	9.60E-07
437	ALL	669382.3	4343521	9.60E-07	30YrCancerDerived_InhSoilDermMMilk	9.60E-07
527	ALL	669422.3	4343561	9.58E-07	30YrCancerDerived_InhSoilDermMMilk	9.58E-07
393	ALL	669362.3	4343501	9.56E-07	30YrCancerDerived_InhSoilDermMMilk	9.56E-07
179	ALL	669262.3	4343401	9.56E-07	30YrCancerDerived_InhSoilDermMMilk	9.56E-07
221	ALL	669282.3	4343421	9.55E-07	30YrCancerDerived_InhSoilDermMMilk	9.55E-07
137	ALL	669242.3	4343381	9.54E-07	30YrCancerDerived_InhSoilDermMMilk	9.54E-07
569	ALL	669442.3	4343581	9.54E-07	30YrCancerDerived_InhSoilDermMMilk	9.54E-07
263	ALL	669302.3	4343441	9.54E-07	30YrCancerDerived_InhSoilDermMMilk	9.54E-07
92	ALL	669222.3	4343361	9.54E-07	30YrCancerDerived_InhSoilDermMMilk	9.54E-07
305	ALL	669322.3	4343461	9.53E-07	30YrCancerDerived_InhSoilDermMMilk	9.53E-07
349	ALL	669342.3	4343481	9.52E-07	30YrCancerDerived_InhSoilDermMMilk	9.52E-07
42	ALL	669202.3	4343341	9.50E-07	30YrCancerDerived_InhSoilDermMMilk	9.50E-07
14	ALL	669182.3	4343321	9.44E-07	30YrCancerDerived_InhSoilDermMMilk	9.44E-07
483	ALL	669422.3	4343541	9.36E-07	30YrCancerDerived_InhSoilDermMMilk	9.36E-07
438	ALL	669402.3	4343521	9.35E-07	30YrCancerDerived_InhSoilDermMMilk	9.35E-07
138	ALL	669262.3	4343381	9.34E-07	30YrCancerDerived_InhSoilDermMMilk	9.34E-07
528	ALL	669442.3	4343561	9.33E-07	30YrCancerDerived_InhSoilDermMMilk	9.33E-07
180	ALL	669282.3	4343401	9.33E-07	30YrCancerDerived_InhSoilDermMMilk	9.33E-07
394	ALL	669382.3	4343501	9.33E-07	30YrCancerDerived_InhSoilDermMMilk	9.33E-07
93	ALL	669242.3	4343361	9.33E-07	30YrCancerDerived_InhSoilDermMMilk	9.33E-07
222	ALL	669302.3	4343421	9.32E-07	30YrCancerDerived_InhSoilDermMMilk	9.32E-07
264	ALL	669322.3	4343441	9.32E-07	30YrCancerDerived_InhSoilDermMMilk	9.32E-07
43	ALL	669222.3	4343341	9.30E-07	30YrCancerDerived_InhSoilDermMMilk	9.30E-07
306	ALL	669342.3	4343461	9.29E-07	30YrCancerDerived_InhSoilDermMMilk	9.29E-07
350	ALL	669362.3	4343481	9.29E-07	30YrCancerDerived_InhSoilDermMMilk	9.29E-07
15	ALL	669202.3	4343321	9.25E-07	30YrCancerDerived_InhSoilDermMMilk	9.25E-07
139	ALL	669282.3	4343381	9.12E-07	30YrCancerDerived_InhSoilDermMMilk	9.12E-07
484	ALL	669442.3	4343541	9.12E-07	30YrCancerDerived_InhSoilDermMMilk	9.12E-07
439	ALL	669422.3	4343521	9.11E-07	30YrCancerDerived_InhSoilDermMMilk	9.11E-07
181	ALL	669302.3	4343401	9.11E-07	30YrCancerDerived_InhSoilDermMMilk	9.11E-07
94	ALL	669262.3	4343361	9.11E-07	30YrCancerDerived_InhSoilDermMMilk	9.11E-07
223	ALL	669322.3	4343421	9.11E-07	30YrCancerDerived_InhSoilDermMMilk	9.11E-07
265	ALL	669342.3	4343441	9.09E-07	30YrCancerDerived_InhSoilDermMMilk	9.09E-07
395	ALL	669402.3	4343501	9.09E-07	30YrCancerDerived_InhSoilDermMMilk	9.09E-07
44	ALL	669242.3	4343341	9.08E-07	30YrCancerDerived_InhSoilDermMMilk	9.08E-07
307	ALL	669362.3	4343461	9.07E-07	30YrCancerDerived_InhSoilDermMMilk	9.07E-07

351	ALL	669382.3	4343481	9.06E-07	30YrCancerDerived_InhSoilDermMMilk	9.06E-07
16	ALL	669222.3	4343321	9.05E-07	30YrCancerDerived_InhSoilDermMMilk	9.05E-07
140	ALL	669302.3	4343381	8.91E-07	30YrCancerDerived_InhSoilDermMMilk	8.91E-07
182	ALL	669322.3	4343401	8.90E-07	30YrCancerDerived_InhSoilDermMMilk	8.90E-07
95	ALL	669282.3	4343361	8.90E-07	30YrCancerDerived_InhSoilDermMMilk	8.90E-07
224	ALL	669342.3	4343421	8.89E-07	30YrCancerDerived_InhSoilDermMMilk	8.89E-07
440	ALL	669442.3	4343521	8.88E-07	30YrCancerDerived_InhSoilDermMMilk	8.88E-07
266	ALL	669362.3	4343441	8.88E-07	30YrCancerDerived_InhSoilDermMMilk	8.88E-07
45	ALL	669262.3	4343341	8.87E-07	30YrCancerDerived_InhSoilDermMMilk	8.87E-07
396	ALL	669422.3	4343501	8.86E-07	30YrCancerDerived_InhSoilDermMMilk	8.86E-07
308	ALL	669382.3	4343461	8.86E-07	30YrCancerDerived_InhSoilDermMMilk	8.86E-07
17	ALL	669242.3	4343321	8.84E-07	30YrCancerDerived_InhSoilDermMMilk	8.84E-07
352	ALL	669402.3	4343481	8.83E-07	30YrCancerDerived_InhSoilDermMMilk	8.83E-07
141	ALL	669322.3	4343381	8.70E-07	30YrCancerDerived_InhSoilDermMMilk	8.70E-07
183	ALL	669342.3	4343401	8.70E-07	30YrCancerDerived_InhSoilDermMMilk	8.70E-07
96	ALL	669302.3	4343361	8.69E-07	30YrCancerDerived_InhSoilDermMMilk	8.69E-07
225	ALL	669362.3	4343421	8.69E-07	30YrCancerDerived_InhSoilDermMMilk	8.69E-07
267	ALL	669382.3	4343441	8.68E-07	30YrCancerDerived_InhSoilDermMMilk	8.68E-07
46	ALL	669282.3	4343341	8.66E-07	30YrCancerDerived_InhSoilDermMMilk	8.66E-07
309	ALL	669402.3	4343461	8.65E-07	30YrCancerDerived_InhSoilDermMMilk	8.65E-07
397	ALL	669442.3	4343501	8.64E-07	30YrCancerDerived_InhSoilDermMMilk	8.64E-07
18	ALL	669262.3	4343321	8.63E-07	30YrCancerDerived_InhSoilDermMMilk	8.63E-07
353	ALL	669422.3	4343481	8.62E-07	30YrCancerDerived_InhSoilDermMMilk	8.62E-07
184	ALL	669362.3	4343401	8.51E-07	30YrCancerDerived_InhSoilDermMMilk	8.51E-07
142	ALL	669342.3	4343381	8.51E-07	30YrCancerDerived_InhSoilDermMMilk	8.51E-07
226	ALL	669382.3	4343421	8.50E-07	30YrCancerDerived_InhSoilDermMMilk	8.50E-07
97	ALL	669322.3	4343361	8.50E-07	30YrCancerDerived_InhSoilDermMMilk	8.50E-07
268	ALL	669402.3	4343441	8.49E-07	30YrCancerDerived_InhSoilDermMMilk	8.49E-07
47	ALL	669302.3	4343341	8.46E-07	30YrCancerDerived_InhSoilDermMMilk	8.46E-07
310	ALL	669422.3	4343461	8.46E-07	30YrCancerDerived_InhSoilDermMMilk	8.46E-07
19	ALL	669282.3	4343321	8.42E-07	30YrCancerDerived_InhSoilDermMMilk	8.42E-07
354	ALL	669442.3	4343481	8.42E-07	30YrCancerDerived_InhSoilDermMMilk	8.42E-07
185	ALL	669382.3	4343401	8.32E-07	30YrCancerDerived_InhSoilDermMMilk	8.32E-07
143	ALL	669362.3	4343381	8.32E-07	30YrCancerDerived_InhSoilDermMMilk	8.32E-07
227	ALL	669402.3	4343421	8.32E-07	30YrCancerDerived_InhSoilDermMMilk	8.32E-07
269	ALL	669422.3	4343441	8.30E-07	30YrCancerDerived_InhSoilDermMMilk	8.30E-07
98	ALL	669342.3	4343361	8.30E-07	30YrCancerDerived_InhSoilDermMMilk	8.30E-07
48	ALL	669322.3	4343341	8.27E-07	30YrCancerDerived_InhSoilDermMMilk	8.27E-07
311	ALL	669442.3	4343461	8.26E-07	30YrCancerDerived_InhSoilDermMMilk	8.26E-07
20	ALL	669302.3	4343321	8.23E-07	30YrCancerDerived_InhSoilDermMMilk	8.23E-07
186	ALL	669402.3	4343401	8.13E-07	30YrCancerDerived_InhSoilDermMMilk	8.13E-07
228	ALL	669422.3	4343421	8.13E-07	30YrCancerDerived_InhSoilDermMMilk	8.13E-07
144	ALL	669382.3	4343381	8.12E-07	30YrCancerDerived_InhSoilDermMMilk	8.12E-07
270	ALL	669442.3	4343441	8.11E-07	30YrCancerDerived_InhSoilDermMMilk	8.11E-07
99	ALL	669362.3	4343361	8.11E-07	30YrCancerDerived_InhSoilDermMMilk	8.11E-07
49	ALL	669342.3	4343341	8.08E-07	30YrCancerDerived_InhSoilDermMMilk	8.08E-07
21	ALL	669322.3	4343321	8.05E-07	30YrCancerDerived_InhSoilDermMMilk	8.05E-07
187	ALL	669422.3	4343401	7.95E-07	30YrCancerDerived_InhSoilDermMMilk	7.95E-07
229	ALL	669442.3	4343421	7.94E-07	30YrCancerDerived_InhSoilDermMMilk	7.94E-07
145	ALL	669402.3	4343381	7.93E-07	30YrCancerDerived_InhSoilDermMMilk	7.93E-07
100	ALL	669382.3	4343361	7.92E-07	30YrCancerDerived_InhSoilDermMMilk	7.92E-07
50	ALL	669362.3	4343341	7.89E-07	30YrCancerDerived_InhSoilDermMMilk	7.89E-07
22	ALL	669342.3	4343321	7.86E-07	30YrCancerDerived_InhSoilDermMMilk	7.86E-07
188	ALL	669442.3	4343401	7.77E-07	30YrCancerDerived_InhSoilDermMMilk	7.77E-07
146	ALL	669422.3	4343381	7.76E-07	30YrCancerDerived_InhSoilDermMMilk	7.76E-07
101	ALL	669402.3	4343361	7.74E-07	30YrCancerDerived_InhSoilDermMMilk	7.74E-07
51	ALL	669382.3	4343341	7.71E-07	30YrCancerDerived_InhSoilDermMMilk	7.71E-07
23	ALL	669362.3	4343321	7.68E-07	30YrCancerDerived_InhSoilDermMMilk	7.68E-07
147	ALL	669442.3	4343381	7.59E-07	30YrCancerDerived_InhSoilDermMMilk	7.59E-07
102	ALL	669422.3	4343361	7.57E-07	30YrCancerDerived_InhSoilDermMMilk	7.57E-07
52	ALL	669402.3	4343341	7.54E-07	30YrCancerDerived_InhSoilDermMMilk	7.54E-07
24	ALL	669382.3	4343321	7.50E-07	30YrCancerDerived_InhSoilDermMMilk	7.50E-07
103	ALL	669442.3	4343361	7.41E-07	30YrCancerDerived_InhSoilDermMMilk	7.41E-07
53	ALL	669422.3	4343341	7.37E-07	30YrCancerDerived_InhSoilDermMMilk	7.37E-07
25	ALL	669402.3	4343321	7.32E-07	30YrCancerDerived_InhSoilDermMMilk	7.32E-07
54	ALL	669442.3	4343341	7.21E-07	30YrCancerDerived_InhSoilDermMMilk	7.21E-07
26	ALL	669422.3	4343321	7.15E-07	30YrCancerDerived_InhSoilDermMMilk	7.15E-07
27	ALL	669442.3	4343321	6.99E-07	30YrCancerDerived_InhSoilDermMMilk	6.99E-07

Item # 11.

*HARP - HRACalc v22118 10/12/2023 2:09:40 PM - Chronic Risk - Input File: C:\Users\imcintire\Desktop\HARP2\9478_DORSEY_EXISTING_\hra\9478_DORSEY_EXISTING_HRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	MAXHI
1095	ALL		668822.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-02
1060	ALL		668802.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-02
1028	ALL		668782.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-02
1679	ALL		669162.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	9.90E-03
1294	ALL		668889.2	4344116	NonCancerChronicDerived_InhSoilDermMMilk	9.31E-03
1418	ALL		668942.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	9.29E-03
1131	ALL		668822.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	9.26E-03
1725	ALL		669182.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	9.26E-03
1094	ALL		668802.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	9.00E-03
1375	ALL		668922.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	8.86E-03
1548	ALL		669122.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	8.81E-03
1590	ALL		669002.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	8.79E-03
1059	ALL		668782.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	8.72E-03
1027	ALL		668762.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	8.46E-03
999	ALL		668742.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	8.14E-03
1591	ALL		669142.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	8.14E-03
742	ALL		668662.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.03E-03
1505	ALL		668962.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	8.01E-03
765	ALL		668682.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.94E-03
1724	ALL		669042.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	7.90E-03
787	ALL		668702.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.84E-03
975	ALL		668722.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	7.84E-03
1419	ALL		669082.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	7.82E-03
1212	ALL		669002.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	7.67E-03
1461	ALL		668942.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	7.66E-03
1635	ALL		669162.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	7.60E-03
903	ALL		668671.5	4343883	NonCancerChronicDerived_InhSoilDermMMilk	7.46E-03
1462	ALL		669102.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	7.43E-03
1417	ALL		668922.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	7.38E-03
1254	ALL		669022.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	7.30E-03
1680	ALL		669182.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	7.18E-03
1093	ALL		668782.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	7.15E-03
1589	ALL		668982.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	7.09E-03
1506	ALL		669122.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	7.03E-03
1726	ALL		669202.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	6.96E-03
1058	ALL		668762.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	6.95E-03
1295	ALL		669042.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	6.85E-03
1547	ALL		668962.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	6.82E-03
1026	ALL		668742.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	6.70E-03
842	ALL		668602.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	6.57E-03
1504	ALL		668942.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	6.56E-03
1549	ALL		669142.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	6.55E-03
1723	ALL		669022.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	6.48E-03
1334	ALL		669062.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	6.47E-03
998	ALL		668722.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	6.36E-03
1460	ALL		668922.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	6.36E-03
802	ALL		668562.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	6.33E-03
743	ALL		668682.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.31E-03
1678	ALL		669002.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	6.30E-03
1376	ALL		669082.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	6.24E-03
766	ALL		668702.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	6.24E-03
1592	ALL		669162.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	6.19E-03
788	ALL		668722.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	6.19E-03
1634	ALL		668982.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	6.13E-03
1130	ALL		668782.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	6.12E-03
1420	ALL		669102.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	5.98E-03
1213	ALL		669022.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	5.96E-03
1092	ALL		668762.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	5.94E-03
1636	ALL		669182.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	5.85E-03
1463	ALL		669122.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	5.78E-03
1057	ALL		668742.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	5.77E-03
1546	ALL		668942.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	5.76E-03
952	ALL		668682.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	5.69E-03
1681	ALL		669202.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	5.69E-03
1255	ALL		669042.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	5.65E-03
1727	ALL		669222.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	5.63E-03
1503	ALL		668922.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	5.58E-03
1025	ALL		668722.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	5.50E-03
1722	ALL		669002.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	5.48E-03
1211	ALL		668802.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	5.47E-03
1507	ALL		669142.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	5.45E-03
1677	ALL		668982.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	5.37E-03
1170	ALL		668782.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	5.37E-03
841	ALL		668582.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-03
821	ALL		668562.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	5.29E-03
1296	ALL		669062.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	5.28E-03
719	ALL		668682.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	5.28E-03
1633	ALL		668962.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	5.24E-03
1129	ALL		668762.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	5.22E-03

744	ALL	668702.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	5.21E-03
1550	ALL	669162.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	5.21E-03
767	ALL	668722.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	5.16E-03
1335	ALL	669082.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	5.10E-03
860	ALL	668822.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	5.09E-03
1091	ALL	668742.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	5.09E-03
879	ALL	668842.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-03
1333	ALL	668842.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	5.05E-03
1171	ALL	669022.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	5.03E-03
1593	ALL	669182.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	4.98E-03
974	ALL	668682.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	4.93E-03
1056	ALL	668722.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	4.92E-03
1253	ALL	668802.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	4.87E-03
1377	ALL	669102.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.86E-03
1210	ALL	668782.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	4.79E-03
1637	ALL	669202.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.77E-03
1721	ALL	668982.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.76E-03
1214	ALL	669042.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	4.74E-03
1421	ALL	669122.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.73E-03
1728	ALL	669242.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.73E-03
1682	ALL	669222.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.71E-03
1169	ALL	668762.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.69E-03
1676	ALL	668962.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.68E-03
951	ALL	668662.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	4.64E-03
1416	ALL	668862.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.64E-03
441	ALL	668542.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	4.63E-03
1464	ALL	669142.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	4.63E-03
1632	ALL	668942.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.59E-03
485	ALL	668562.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	4.58E-03
1374	ALL	668842.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.55E-03
1128	ALL	668742.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	4.55E-03
720	ALL	668702.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	4.50E-03
840	ALL	668562.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	4.45E-03
1090	ALL	668722.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	4.44E-03
1508	ALL	669162.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	4.44E-03
745	ALL	668722.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	4.44E-03
1256	ALL	669062.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	4.43E-03
820	ALL	668542.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	4.43E-03
904	ALL	668882.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	4.39E-03
843	ALL	668822.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	4.39E-03
926	ALL	668902.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	4.39E-03
880	ALL	668862.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	4.36E-03
1252	ALL	668782.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	4.32E-03
1502	ALL	668882.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	4.31E-03
1551	ALL	669182.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	4.29E-03
1209	ALL	668762.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	4.25E-03
1055	ALL	668702.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	4.25E-03
1459	ALL	668862.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	4.21E-03
1720	ALL	668962.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.21E-03
1297	ALL	669082.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	4.20E-03
973	ALL	668662.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	4.19E-03
1168	ALL	668742.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.15E-03
1675	ALL	668942.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.15E-03
1415	ALL	668842.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.14E-03
1594	ALL	669202.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	4.13E-03
1172	ALL	669042.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.10E-03
1336	ALL	669102.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	4.09E-03
1631	ALL	668922.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.08E-03
1729	ALL	669262.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.07E-03
1373	ALL	668822.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.06E-03
1683	ALL	669242.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.04E-03
1127	ALL	668722.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	4.03E-03
1638	ALL	669222.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.00E-03
398	ALL	668542.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	4.00E-03
1588	ALL	668902.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	4.00E-03
442	ALL	668562.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	3.96E-03
1378	ALL	669122.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.94E-03
1089	ALL	668702.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.94E-03
1293	ALL	668782.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.94E-03
1545	ALL	668882.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.93E-03
486	ALL	668582.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	3.93E-03
721	ALL	668722.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	3.91E-03
1422	ALL	669142.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.90E-03
997	ALL	668662.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	3.89E-03
1251	ALL	668762.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.88E-03
905	ALL	668902.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.88E-03
746	ALL	668742.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	3.87E-03
859	ALL	668562.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.87E-03
902	ALL	668602.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.86E-03
1501	ALL	668862.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.86E-03
927	ALL	668922.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.85E-03

839	ALL	668542.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	3.85E-03
844	ALL	668842.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	3.85E-03
1465	ALL	669162.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.83E-03
1215	ALL	669062.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.83E-03
861	ALL	668862.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.83E-03
1208	ALL	668742.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.82E-03
1054	ALL	668682.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	3.80E-03
1458	ALL	668842.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.79E-03
1719	ALL	668942.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.77E-03
976	ALL	668962.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	3.76E-03
1414	ALL	668822.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.73E-03
1167	ALL	668722.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.73E-03
1509	ALL	669182.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.72E-03
1674	ALL	668922.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.72E-03
1630	ALL	668902.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.67E-03
1372	ALL	668802.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.66E-03
972	ALL	668642.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	3.66E-03
1126	ALL	668702.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.63E-03
1132	ALL	669042.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.62E-03
1552	ALL	669202.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.61E-03
1587	ALL	668882.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.61E-03
1730	ALL	669282.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.59E-03
1684	ALL	669262.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.57E-03
1088	ALL	668682.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.56E-03
1292	ALL	668762.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.55E-03
1544	ALL	668862.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.55E-03
1595	ALL	669222.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.54E-03
1257	ALL	669082.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.53E-03
901	ALL	668582.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.52E-03
1250	ALL	668742.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.51E-03
355	ALL	668542.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	3.50E-03
687	ALL	668722.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	3.49E-03
399	ALL	668562.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	3.49E-03
1500	ALL	668842.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.49E-03
1639	ALL	669242.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.49E-03
312	ALL	668522.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	3.49E-03
996	ALL	668642.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	3.48E-03
878	ALL	668562.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.48E-03
570	ALL	668642.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	3.48E-03
443	ALL	668582.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	3.47E-03
1298	ALL	669102.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.46E-03
722	ALL	668742.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	3.46E-03
1207	ALL	668722.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.46E-03
925	ALL	668602.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.46E-03
881	ALL	668902.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.45E-03
487	ALL	668602.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	3.45E-03
822	ALL	668842.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	3.44E-03
747	ALL	668762.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	3.44E-03
906	ALL	668922.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.44E-03
858	ALL	668542.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.44E-03
1457	ALL	668822.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.43E-03
862	ALL	668882.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.42E-03
1173	ALL	669062.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.42E-03
928	ALL	668942.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-03
838	ALL	668522.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-03
1718	ALL	668922.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-03
1337	ALL	669122.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.38E-03
1166	ALL	668702.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.38E-03
1413	ALL	668802.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.38E-03
1024	ALL	668642.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	3.38E-03
1673	ALL	668902.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.37E-03
953	ALL	668962.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.36E-03
1629	ALL	668882.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-03
1371	ALL	668782.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-03
1423	ALL	669162.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.32E-03
1379	ALL	669142.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.32E-03
1125	ALL	668682.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.32E-03
977	ALL	668982.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	3.31E-03
1586	ALL	668862.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.28E-03
1332	ALL	668762.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.28E-03
1466	ALL	669182.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.27E-03
1087	ALL	668662.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.26E-03
924	ALL	668582.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.24E-03
1291	ALL	668742.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-03
1543	ALL	668842.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-03
950	ALL	668602.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-03
900	ALL	668562.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.22E-03
1000	ALL	669002.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	3.22E-03
1731	ALL	669302.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-03
1685	ALL	669282.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-03
1249	ALL	668722.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-03

1053	ALL	668642.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	3.19E-03
1499	ALL	668822.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.19E-03
1216	ALL	669082.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.17E-03
1510	ALL	669202.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.16E-03
1640	ALL	669262.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.16E-03
1206	ALL	668702.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.15E-03
877	ALL	668542.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.15E-03
1456	ALL	668802.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-03
1553	ALL	669222.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-03
571	ALL	668662.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-03
688	ALL	668742.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-03
1596	ALL	669242.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.12E-03
857	ALL	668522.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.12E-03
529	ALL	668642.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	3.11E-03
1023	ALL	668622.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	3.11E-03
1717	ALL	668902.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.11E-03
356	ALL	668562.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	3.11E-03
723	ALL	668762.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	3.11E-03
1133	ALL	669062.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.10E-03
882	ALL	668922.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.10E-03
313	ALL	668542.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	3.10E-03
1165	ALL	668682.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.09E-03
1412	ALL	668782.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.09E-03
1672	ALL	668882.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.08E-03
845	ALL	668882.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	3.08E-03
949	ALL	668582.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.05E-03
1628	ALL	668862.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.05E-03
1370	ALL	668762.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.05E-03
929	ALL	668962.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-03
1124	ALL	668662.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-03
923	ALL	668562.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-03
1585	ALL	668842.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.01E-03
1258	ALL	669102.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.00E-03
1331	ALL	668742.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.99E-03
954	ALL	668982.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.99E-03
1086	ALL	668642.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-03
1542	ALL	668822.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.96E-03
1290	ALL	668722.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.96E-03
899	ALL	668542.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.96E-03
1299	ALL	669122.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.94E-03
1174	ALL	669082.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.94E-03
978	ALL	669002.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.93E-03
1248	ALL	668702.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.93E-03
1498	ALL	668802.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
1052	ALL	668622.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
1424	ALL	669182.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.90E-03
1686	ALL	669302.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.90E-03
1380	ALL	669162.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.90E-03
1338	ALL	669142.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.90E-03
876	ALL	668522.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.90E-03
1205	ALL	668682.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.89E-03
1641	ALL	669282.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.88E-03
1455	ALL	668782.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-03
1732	ALL	669322.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-03
1716	ALL	668882.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.86E-03
1467	ALL	669202.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.85E-03
948	ALL	668562.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-03
856	ALL	668502.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-03
1164	ALL	668662.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-03
572	ALL	668682.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-03
1411	ALL	668762.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-03
1671	ALL	668862.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-03
689	ALL	668762.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-03
1597	ALL	669262.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-03
530	ALL	668662.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-03
803	ALL	668862.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	2.82E-03
724	ALL	668782.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	2.82E-03
846	ALL	668902.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-03
488	ALL	668642.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-03
1627	ALL	668842.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-03
1369	ALL	668742.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.80E-03
1554	ALL	669242.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.79E-03
922	ALL	668542.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.79E-03
1123	ALL	668642.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-03
1584	ALL	668822.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
1511	ALL	669222.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
1134	ALL	669082.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
1330	ALL	668722.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-03
898	ALL	668522.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-03
1541	ALL	668802.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-03
1217	ALL	669102.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-03

1289	ALL	668702.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.72E-03
930	ALL	668982.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.72E-03
1085	ALL	668622.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.72E-03
1247	ALL	668682.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-03
1497	ALL	668782.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03
955	ALL	669002.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.68E-03
875	ALL	668502.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.67E-03
1051	ALL	668602.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.67E-03
1204	ALL	668662.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-03
1687	ALL	669322.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.65E-03
1454	ALL	668762.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.65E-03
1642	ALL	669302.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.64E-03
1715	ALL	668862.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.64E-03
947	ALL	668542.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-03
1670	ALL	668842.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-03
1410	ALL	668742.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-03
1598	ALL	669282.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-03
1163	ALL	668642.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-03
1259	ALL	669122.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.60E-03
1733	ALL	669342.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.60E-03
573	ALL	668702.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.60E-03
1425	ALL	669202.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
1381	ALL	669182.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
531	ALL	668682.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
1626	ALL	668822.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
789	ALL	668862.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
690	ALL	668782.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-03
1368	ALL	668722.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-03
921	ALL	668522.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-03
725	ALL	668802.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-03
823	ALL	668902.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-03
489	ALL	668662.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-03
1555	ALL	669262.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-03
1175	ALL	669102.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-03
1339	ALL	669162.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-03
1583	ALL	668802.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.56E-03
1300	ALL	669142.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
1122	ALL	668622.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-03
1329	ALL	668702.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-03
444	ALL	668642.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-03
897	ALL	668502.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-03
1540	ALL	668782.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-03
1468	ALL	669222.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
1288	ALL	668682.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
1512	ALL	669242.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-03
1084	ALL	668602.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-03
1246	ALL	668662.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.49E-03
1496	ALL	668762.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.49E-03
971	ALL	668542.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.49E-03
874	ALL	668482.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.49E-03
819	ALL	668442.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	2.49E-03
1714	ALL	668842.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-03
1203	ALL	668642.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-03
1453	ALL	668742.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-03
1050	ALL	668582.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-03
1135	ALL	669102.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-03
1643	ALL	669322.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-03
946	ALL	668522.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-03
1669	ALL	668822.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-03
1409	ALL	668722.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-03
1599	ALL	669302.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-03
1688	ALL	669342.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-03
1218	ALL	669122.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-03
920	ALL	668502.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-03
1162	ALL	668622.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
1625	ALL	668802.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
1556	ALL	669282.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
574	ALL	668722.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-03
790	ALL	668882.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-03
532	ALL	668702.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-03
1367	ALL	668702.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
824	ALL	668922.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
691	ALL	668802.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
1582	ALL	668782.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
490	ALL	668682.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
896	ALL	668482.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-03
1734	ALL	669362.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-03
1382	ALL	669202.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-03
995	ALL	668542.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-03
1328	ALL	668682.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-03
1513	ALL	669262.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-03

1539	ALL	668762.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-03
1121	ALL	668602.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-03
445	ALL	668662.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-03
837	ALL	668442.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-03
1426	ALL	669222.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-03
1287	ALL	668662.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
400	ALL	668642.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
1495	ALL	668742.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
1245	ALL	668642.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
1469	ALL	669242.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
970	ALL	668522.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
1340	ALL	669182.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
1001	ALL	669062.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
873	ALL	668462.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
1083	ALL	668582.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
1713	ALL	668822.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-03
1260	ALL	669142.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-03
1176	ALL	669122.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-03
1301	ALL	669162.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
1452	ALL	668722.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
945	ALL	668502.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
1202	ALL	668622.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03
1668	ALL	668802.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03
1644	ALL	669342.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-03
919	ALL	668482.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-03
1049	ALL	668562.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-03
1408	ALL	668702.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1600	ALL	669322.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1624	ALL	668782.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-03
1557	ALL	669302.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-03
855	ALL	668442.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
1022	ALL	668542.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
1514	ALL	669282.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
1581	ALL	668762.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
1161	ALL	668602.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
768	ALL	668882.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
1689	ALL	669362.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
692	ALL	668822.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
1366	ALL	668682.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
895	ALL	668462.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
575	ALL	668742.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
533	ALL	668722.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
491	ALL	668702.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-03
1136	ALL	669122.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-03
1538	ALL	668742.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-03
1327	ALL	668662.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-03
994	ALL	668522.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-03
446	ALL	668682.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-03
55	ALL	668482.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-03
1470	ALL	669262.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1286	ALL	668642.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1494	ALL	668722.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1120	ALL	668582.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1219	ALL	669142.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1735	ALL	669382.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
1383	ALL	669222.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
401	ALL	668662.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
969	ALL	668502.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
1427	ALL	669242.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
944	ALL	668482.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
357	ALL	668642.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
1244	ALL	668622.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
1712	ALL	668802.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
872	ALL	668442.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
1096	ALL	669122.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
1451	ALL	668702.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
1002	ALL	669082.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
1082	ALL	668562.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
918	ALL	668462.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
1667	ALL	668782.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
1601	ALL	669342.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-03
1407	ALL	668682.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1048	ALL	668542.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1201	ALL	668602.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1623	ALL	668762.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1558	ALL	669322.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-03
1341	ALL	669202.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-03
1515	ALL	669302.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-03
1645	ALL	669362.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
1177	ALL	669142.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
1580	ALL	668742.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03

693	ALL	668842.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
1471	ALL	669282.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
665	ALL	668822.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
1021	ALL	668522.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
1261	ALL	669162.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
1302	ALL	669182.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
894	ALL	668442.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-03
1365	ALL	668662.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-03
576	ALL	668762.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-03
1537	ALL	668722.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
534	ALL	668742.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1160	ALL	668582.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
492	ALL	668722.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
993	ALL	668502.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
968	ALL	668482.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1326	ALL	668642.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
104	ALL	668522.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1690	ALL	669382.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
447	ALL	668702.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
943	ALL	668462.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
1493	ALL	668702.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
1428	ALL	669262.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
1119	ALL	668562.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
1285	ALL	668622.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
402	ALL	668682.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
1137	ALL	669142.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
1711	ALL	668782.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
1384	ALL	669242.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
56	ALL	668502.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
358	ALL	668662.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
1450	ALL	668682.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
1081	ALL	668542.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
1243	ALL	668602.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
314	ALL	668642.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
917	ALL	668442.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
1666	ALL	668762.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
1736	ALL	669402.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
1097	ALL	669142.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
1622	ALL	668742.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
1220	ALL	669162.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
1559	ALL	669342.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
1047	ALL	668522.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
1602	ALL	669362.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
1406	ALL	668662.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
1472	ALL	669302.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
1516	ALL	669322.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
1579	ALL	668722.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
1200	ALL	668582.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
1020	ALL	668502.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
666	ALL	668842.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
992	ALL	668482.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
643	ALL	668822.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
694	ALL	668862.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
967	ALL	668462.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
1429	ALL	669282.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
1342	ALL	669222.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
577	ALL	668782.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
1536	ALL	668702.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
1646	ALL	669382.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
535	ALL	668762.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1364	ALL	668642.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1159	ALL	668562.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
942	ALL	668442.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
493	ALL	668742.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
448	ALL	668722.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
791	ALL	668942.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
1178	ALL	669162.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1492	ALL	668682.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1325	ALL	668622.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1118	ALL	668542.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1385	ALL	669262.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
403	ALL	668702.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
1710	ALL	668762.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
105	ALL	668542.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
931	ALL	669062.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
1080	ALL	668522.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
1691	ALL	669402.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
1284	ALL	668602.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
1262	ALL	669182.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
1303	ALL	669202.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
1449	ALL	668662.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03

359	ALL	668682.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
1665	ALL	668742.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
315	ALL	668662.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
1046	ALL	668502.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1560	ALL	669362.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
57	ALL	668522.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1621	ALL	668722.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
1138	ALL	669162.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
1019	ALL	668482.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
1242	ALL	668582.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
1517	ALL	669342.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
271	ALL	668642.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
991	ALL	668462.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
1473	ALL	669322.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
1430	ALL	669302.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1578	ALL	668702.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1098	ALL	669162.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
966	ALL	668442.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1737	ALL	669422.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1405	ALL	668642.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
644	ALL	668842.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1343	ALL	669242.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
667	ALL	668862.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
611	ALL	668822.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1199	ALL	668562.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1603	ALL	669382.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
578	ALL	668802.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
695	ALL	668882.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
1535	ALL	668682.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
536	ALL	668782.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
1158	ALL	668542.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
1386	ALL	669282.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
494	ALL	668762.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1117	ALL	668522.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1363	ALL	668622.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1221	ALL	669182.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1491	ALL	668662.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
449	ALL	668742.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1647	ALL	669402.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1079	ALL	668502.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1709	ALL	668742.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
404	ALL	668722.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1324	ALL	668602.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1045	ALL	668482.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1344	ALL	669262.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
932	ALL	669082.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1061	ALL	669162.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1664	ALL	668722.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
825	ALL	668982.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
360	ALL	668702.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1018	ALL	668462.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
1283	ALL	668582.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
316	ALL	668682.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
1448	ALL	668642.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
990	ALL	668442.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1518	ALL	669362.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1304	ALL	669222.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1620	ALL	668702.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1474	ALL	669342.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1241	ALL	668562.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1692	ALL	669422.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1179	ALL	669182.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
272	ALL	668662.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1431	ALL	669322.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1561	ALL	669382.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
58	ALL	668542.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1577	ALL	668682.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1198	ALL	668542.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
612	ALL	668842.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
804	ALL	668982.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
579	ALL	668822.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
645	ALL	668862.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
230	ALL	668642.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
1387	ALL	669302.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
537	ALL	668802.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
1263	ALL	669202.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
668	ALL	668882.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
1157	ALL	668522.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
1404	ALL	668622.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1534	ALL	668662.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1116	ALL	668502.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03

495	ALL	668782.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1078	ALL	668482.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1139	ALL	669182.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1362	ALL	668602.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1604	ALL	669402.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1738	ALL	669442.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1044	ALL	668462.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
450	ALL	668762.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1099	ALL	669182.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1345	ALL	669282.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1708	ALL	668722.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1490	ALL	668642.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
1323	ALL	668582.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
405	ALL	668742.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
1017	ALL	668442.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
1663	ALL	668702.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
361	ALL	668722.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
1282	ALL	668562.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
1305	ALL	669242.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
317	ALL	668702.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1648	ALL	669422.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1519	ALL	669382.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1240	ALL	668542.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1475	ALL	669362.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1619	ALL	668682.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
273	ALL	668682.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1447	ALL	668622.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
1432	ALL	669342.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
1197	ALL	668522.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
1062	ALL	669182.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
1576	ALL	668662.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
1156	ALL	668502.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
580	ALL	668842.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
1306	ALL	669262.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
538	ALL	668822.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
613	ALL	668862.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
1115	ALL	668482.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1403	ALL	668602.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1222	ALL	669202.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
231	ALL	668662.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
496	ALL	668802.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1388	ALL	669322.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
59	ALL	668562.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
646	ALL	668882.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1562	ALL	669402.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1077	ALL	668462.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
669	ALL	668902.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1693	ALL	669442.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1533	ALL	668642.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1361	ALL	668582.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1043	ALL	668442.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
189	ALL	668642.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1264	ALL	669222.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
451	ALL	668782.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1346	ALL	669302.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1707	ALL	668702.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1322	ALL	668562.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
805	ALL	669002.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
406	ALL	668762.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
1489	ALL	668622.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
1605	ALL	669422.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
1281	ALL	668542.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
362	ALL	668742.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
1662	ALL	668682.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
1180	ALL	669202.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
1029	ALL	669182.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
769	ALL	668982.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
318	ALL	668722.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1239	ALL	668522.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
274	ALL	668702.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1618	ALL	668662.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1196	ALL	668502.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1476	ALL	669382.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1433	ALL	669362.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1307	ALL	669282.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1446	ALL	668602.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1155	ALL	668482.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
1140	ALL	669202.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
1649	ALL	669442.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
1114	ALL	668462.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
232	ALL	668682.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03

1520	ALL	669402.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1575	ALL	668642.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1402	ALL	668582.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1389	ALL	669342.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
497	ALL	668822.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
539	ALL	668842.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1076	ALL	668442.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1100	ALL	669202.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
614	ALL	668882.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
581	ALL	668862.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
1360	ALL	668562.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
647	ALL	668902.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
452	ALL	668802.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
60	ALL	668582.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
1265	ALL	669242.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
1532	ALL	668622.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
190	ALL	668662.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
670	ALL	668922.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1321	ALL	668542.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1347	ALL	669322.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1563	ALL	669422.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1706	ALL	668682.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1003	ALL	669182.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
407	ALL	668782.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1280	ALL	668522.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1223	ALL	669222.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
883	ALL	669082.7	4343856	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
726	ALL	668962.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
148	ALL	668642.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
363	ALL	668762.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
748	ALL	668982.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1488	ALL	668602.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1063	ALL	669202.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1661	ALL	668662.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1238	ALL	668502.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1195	ALL	668482.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
319	ALL	668742.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
770	ALL	669002.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1266	ALL	669262.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
275	ALL	668722.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1606	ALL	669442.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1154	ALL	668462.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1617	ALL	668642.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1445	ALL	668582.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1308	ALL	669302.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1113	ALL	668442.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1434	ALL	669382.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
106	ALL	668622.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
233	ALL	668702.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
806	ALL	669022.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1401	ALL	668562.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1390	ALL	669362.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1574	ALL	668622.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1477	ALL	669402.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1181	ALL	669222.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
453	ALL	668822.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1359	ALL	668542.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
498	ALL	668842.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1030	ALL	669202.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
191	ALL	668682.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1521	ALL	669422.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1320	ALL	668522.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
61	ALL	668602.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
615	ALL	668902.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1531	ALL	668602.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
408	ALL	668802.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
540	ALL	668862.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
648	ALL	668922.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
582	ALL	668882.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1141	ALL	669222.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1279	ALL	668502.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1705	ALL	668662.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1237	ALL	668482.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
696	ALL	668962.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1267	ALL	669282.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
149	ALL	668662.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
727	ALL	668982.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1348	ALL	669342.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
364	ALL	668782.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
749	ALL	669002.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1194	ALL	668462.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03

1487	ALL	668582.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1660	ALL	668642.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1224	ALL	669242.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1101	ALL	669222.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1564	ALL	669442.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1153	ALL	668442.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
320	ALL	668762.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1444	ALL	668562.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1616	ALL	668622.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
276	ALL	668742.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
1004	ALL	669202.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
1309	ALL	669322.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
107	ALL	668642.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
234	ALL	668722.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
1400	ALL	668542.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
1391	ALL	669382.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1573	ALL	668602.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1358	ALL	668522.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1435	ALL	669402.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1064	ALL	669222.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
454	ALL	668842.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
192	ALL	668702.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
1319	ALL	668502.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
409	ALL	668822.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
1478	ALL	669422.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
1278	ALL	668482.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
1530	ALL	668582.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1225	ALL	669262.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
62	ALL	668622.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1182	ALL	669242.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1236	ALL	668462.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
616	ALL	668922.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
499	ALL	668862.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1704	ALL	668642.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
365	ALL	668802.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
583	ALL	668902.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
1268	ALL	669302.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
150	ALL	668682.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
1193	ALL	668442.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
697	ALL	668982.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
1522	ALL	669442.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
541	ALL	668882.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
1486	ALL	668562.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1349	ALL	669362.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1659	ALL	668622.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1031	ALL	669222.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
321	ALL	668782.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1443	ALL	668542.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1142	ALL	669242.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
108	ALL	668662.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1615	ALL	668602.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1399	ALL	668522.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
771	ALL	669042.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
277	ALL	668762.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1357	ALL	668502.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
235	ALL	668742.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
1318	ALL	668482.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
1226	ALL	669282.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1572	ALL	668582.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
193	ALL	668722.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1392	ALL	669402.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1102	ALL	669242.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
410	ALL	668842.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1277	ALL	668462.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1310	ALL	669342.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
826	ALL	669062.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1436	ALL	669422.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
455	ALL	668862.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
907	ALL	669182.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1235	ALL	668442.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1529	ALL	668562.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
366	ALL	668822.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
807	ALL	669062.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
63	ALL	668642.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
1005	ALL	669222.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
151	ALL	668702.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
1183	ALL	669262.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
1350	ALL	669382.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
1479	ALL	669442.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
617	ALL	668942.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
1703	ALL	668622.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03

584	ALL	668922.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
698	ALL	669002.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
1269	ALL	669322.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
1485	ALL	668542.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
542	ALL	668902.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1065	ALL	669242.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
322	ALL	668802.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
750	ALL	669042.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
500	ALL	668882.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1658	ALL	668602.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1442	ALL	668522.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1398	ALL	668502.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
109	ALL	668682.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1227	ALL	669302.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1356	ALL	668482.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1614	ALL	668582.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
278	ALL	668782.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
772	ALL	669062.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1317	ALL	668462.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
236	ALL	668762.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1184	ALL	669282.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1571	ALL	668562.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1276	ALL	668442.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
411	ALL	668862.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
194	ALL	668742.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1032	ALL	669242.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1393	ALL	669422.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
1143	ALL	669262.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
1311	ALL	669362.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
367	ALL	668842.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
1528	ALL	668542.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
1351	ALL	669402.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
1437	ALL	669442.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
618	ALL	668962.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
152	ALL	668722.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
64	ALL	668662.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
456	ALL	668882.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
585	ALL	668942.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
908	ALL	669202.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
323	ALL	668822.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
699	ALL	669022.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
1103	ALL	669262.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
1702	ALL	668602.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
543	ALL	668922.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
1484	ALL	668522.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
728	ALL	669042.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
751	ALL	669062.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
501	ALL	668902.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1441	ALL	668502.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1185	ALL	669302.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1657	ALL	668582.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1397	ALL	668482.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1228	ALL	669322.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1312	ALL	669382.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1144	ALL	669282.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1355	ALL	668462.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
279	ALL	668802.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
110	ALL	668702.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1270	ALL	669342.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1613	ALL	668562.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1316	ALL	668442.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1006	ALL	669242.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
773	ALL	669082.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
237	ALL	668782.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1066	ALL	669262.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1570	ALL	668542.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
884	ALL	669202.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
368	ALL	668862.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
412	ALL	668882.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
195	ALL	668762.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1145	ALL	669302.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
619	ALL	668982.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1186	ALL	669322.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
586	ALL	668962.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1394	ALL	669442.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1527	ALL	668522.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1352	ALL	669422.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
544	ALL	668942.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
324	ALL	668842.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
65	ALL	668682.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
457	ALL	668902.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03

153	ALL	668742.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1104	ALL	669282.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1483	ALL	668502.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
502	ALL	668922.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
729	ALL	669062.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1313	ALL	669402.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1701	ALL	668582.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1440	ALL	668482.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
979	ALL	669242.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
752	ALL	669082.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1396	ALL	668462.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1229	ALL	669342.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1271	ALL	669362.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
280	ALL	668822.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1656	ALL	668562.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1354	ALL	668442.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
111	ALL	668722.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1033	ALL	669262.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
827	ALL	669162.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1146	ALL	669322.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1612	ALL	668542.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1187	ALL	669342.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1272	ALL	669382.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
238	ALL	668802.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1569	ALL	668522.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
587	ALL	668982.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
369	ALL	668882.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
545	ALL	668962.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
620	ALL	669002.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
196	ALL	668782.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
413	ALL	668902.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
1526	ALL	668502.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
1067	ALL	669282.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
1105	ALL	669302.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
458	ALL	668922.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
503	ALL	668942.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1147	ALL	669342.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1230	ALL	669362.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
325	ALL	668862.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
66	ALL	668702.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1314	ALL	669422.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1353	ALL	669442.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1482	ALL	668482.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
700	ALL	669062.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1439	ALL	668462.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
730	ALL	669082.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
154	ALL	668762.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1007	ALL	669262.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
1188	ALL	669362.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
885	ALL	669222.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
1395	ALL	668442.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
1700	ALL	668562.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
281	ALL	668842.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
828	ALL	669182.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
1273	ALL	669402.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
1655	ALL	668542.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
1231	ALL	669382.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
792	ALL	669142.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
112	ALL	668742.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
239	ALL	668822.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
1148	ALL	669362.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
1611	ALL	668522.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
1106	ALL	669322.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1568	ALL	668502.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1189	ALL	669382.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
546	ALL	668982.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
504	ALL	668962.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
588	ALL	669002.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
67	ALL	668722.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1034	ALL	669282.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
459	ALL	668942.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
197	ALL	668802.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
414	ALL	668922.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
621	ALL	669022.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
370	ALL	668902.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1525	ALL	668482.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
980	ALL	669262.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
326	ALL	668882.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1315	ALL	669442.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1481	ALL	668462.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
863	ALL	669222.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03

1274	ALL	669422.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1232	ALL	669402.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1438	ALL	668442.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1068	ALL	669302.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
701	ALL	669082.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
155	ALL	668782.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
282	ALL	668862.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
1149	ALL	669382.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
1107	ALL	669342.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
1699	ALL	668542.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
1654	ALL	668522.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
1190	ALL	669402.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
113	ALL	668762.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
240	ALL	668842.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
1610	ALL	668502.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
956	ALL	669262.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
1567	ALL	668482.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
547	ALL	669002.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
505	ALL	668982.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
1008	ALL	669282.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
460	ALL	668962.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
589	ALL	669022.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
1233	ALL	669422.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
68	ALL	668742.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
198	ALL	668822.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
415	ALL	668942.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
1108	ALL	669362.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
1275	ALL	669442.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
1524	ALL	668462.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
622	ALL	669042.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
371	ALL	668922.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
1480	ALL	668442.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
327	ALL	668902.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
1150	ALL	669402.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
1069	ALL	669322.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
156	ALL	668802.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
283	ALL	668882.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
774	ALL	669162.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
1035	ALL	669302.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
1698	ALL	668522.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
808	ALL	669202.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
1191	ALL	669422.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
1653	ALL	668502.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
1109	ALL	669382.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
241	ALL	668862.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
114	ALL	668782.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
1609	ALL	668482.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
981	ALL	669282.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
1234	ALL	669442.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
1566	ALL	668462.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
548	ALL	669022.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
506	ALL	669002.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
590	ALL	669042.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
199	ALL	668842.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
461	ALL	668982.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
1070	ALL	669342.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
1523	ALL	668442.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
69	ALL	668762.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
416	ALL	668962.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
623	ALL	669062.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
372	ALL	668942.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
328	ALL	668922.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
1151	ALL	669422.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
157	ALL	668822.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
1110	ALL	669402.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
753	ALL	669162.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
284	ALL	668902.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
702	ALL	669122.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
775	ALL	669182.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
1009	ALL	669302.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
957	ALL	669282.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
1697	ALL	668502.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
1071	ALL	669362.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
1652	ALL	668482.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
242	ALL	668882.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
809	ALL	669222.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
1192	ALL	669442.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	9.99E-04
115	ALL	668802.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.97E-04
1608	ALL	668462.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	9.94E-04
1036	ALL	669322.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	9.93E-04
1565	ALL	668442.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	9.90E-04

933	ALL	669282.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	9.89E-04
200	ALL	668862.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.89E-04
549	ALL	669042.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.89E-04
591	ALL	669062.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	9.88E-04
507	ALL	669022.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	9.88E-04
462	ALL	669002.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	9.86E-04
70	ALL	668782.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	9.84E-04
624	ALL	669082.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	9.84E-04
417	ALL	668982.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.83E-04
373	ALL	668962.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	9.80E-04
1072	ALL	669382.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	9.80E-04
329	ALL	668942.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	9.77E-04
982	ALL	669302.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	9.76E-04
158	ALL	668842.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.76E-04
1111	ALL	669422.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	9.75E-04
703	ALL	669142.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	9.72E-04
285	ALL	668922.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	9.72E-04
1152	ALL	669442.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	9.71E-04
1010	ALL	669322.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	9.68E-04
1696	ALL	668482.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	9.67E-04
243	ALL	668902.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	9.64E-04
1037	ALL	669342.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	9.63E-04
1651	ALL	668462.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	9.63E-04
116	ALL	668822.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.62E-04
1607	ALL	668442.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	9.58E-04
1073	ALL	669402.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	9.57E-04
201	ALL	668882.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.55E-04
550	ALL	669062.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.53E-04
508	ALL	669042.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	9.52E-04
592	ALL	669082.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	9.52E-04
463	ALL	669022.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	9.50E-04
958	ALL	669302.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	9.50E-04
71	ALL	668802.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	9.49E-04
625	ALL	669102.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	9.49E-04
418	ALL	669002.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.46E-04
159	ALL	668862.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.43E-04
374	ALL	668982.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	9.42E-04
1038	ALL	669362.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	9.41E-04
671	ALL	669142.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	9.41E-04
704	ALL	669162.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	9.40E-04
330	ALL	668962.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	9.39E-04
286	ALL	668942.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	9.36E-04
983	ALL	669322.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	9.36E-04
1112	ALL	669442.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	9.35E-04
934	ALL	669302.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	9.35E-04
1011	ALL	669342.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	9.34E-04
1695	ALL	668462.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	9.33E-04
244	ALL	668922.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	9.30E-04
117	ALL	668842.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.29E-04
1650	ALL	668442.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	9.29E-04
1074	ALL	669422.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	9.28E-04
909	ALL	669302.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	9.22E-04
202	ALL	668902.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.22E-04
1039	ALL	669382.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	9.21E-04
551	ALL	669082.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.19E-04
593	ALL	669102.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	9.18E-04
509	ALL	669062.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	9.18E-04
464	ALL	669042.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	9.16E-04
626	ALL	669122.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	9.16E-04
72	ALL	668822.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	9.15E-04
419	ALL	669022.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.13E-04
649	ALL	669142.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	9.13E-04
160	ALL	668882.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.12E-04
672	ALL	669162.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	9.11E-04
705	ALL	669182.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	9.09E-04
375	ALL	669002.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	9.07E-04
886	ALL	669302.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	9.07E-04
1012	ALL	669362.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	9.06E-04
959	ALL	669322.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	9.06E-04
984	ALL	669342.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	9.03E-04
331	ALL	668982.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	9.03E-04
1694	ALL	668442.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	9.01E-04
1040	ALL	669402.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	9.01E-04
287	ALL	668962.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	9.00E-04
118	ALL	668862.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.99E-04
245	ALL	668942.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.97E-04
776	ALL	669242.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.95E-04
1075	ALL	669442.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	8.94E-04
935	ALL	669322.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.94E-04
203	ALL	668922.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.90E-04
552	ALL	669102.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.87E-04

594	ALL	669122.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.87E-04
910	ALL	669322.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	8.87E-04
510	ALL	669082.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.86E-04
627	ALL	669142.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.86E-04
465	ALL	669062.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.85E-04
864	ALL	669302.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	8.84E-04
73	ALL	668842.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.84E-04
1013	ALL	669382.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	8.84E-04
650	ALL	669162.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.83E-04
420	ALL	669042.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.82E-04
673	ALL	669182.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.81E-04
161	ALL	668902.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.81E-04
706	ALL	669202.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.79E-04
985	ALL	669362.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	8.78E-04
960	ALL	669342.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	8.77E-04
1041	ALL	669422.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	8.77E-04
376	ALL	669022.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.76E-04
887	ALL	669322.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	8.76E-04
936	ALL	669342.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.73E-04
119	ALL	668882.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.70E-04
332	ALL	669002.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.70E-04
288	ALL	668982.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.67E-04
911	ALL	669342.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	8.67E-04
1014	ALL	669402.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	8.65E-04
246	ALL	668962.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.64E-04
754	ALL	669242.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.63E-04
986	ALL	669382.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	8.62E-04
847	ALL	669302.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	8.61E-04
810	ALL	669282.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	8.60E-04
204	ALL	668942.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.60E-04
961	ALL	669362.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	8.59E-04
595	ALL	669142.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.57E-04
553	ALL	669122.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.57E-04
74	ALL	668862.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.57E-04
511	ALL	669102.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.56E-04
628	ALL	669162.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.56E-04
865	ALL	669322.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	8.55E-04
937	ALL	669362.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.55E-04
888	ALL	669342.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	8.55E-04
466	ALL	669082.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.54E-04
651	ALL	669182.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.54E-04
777	ALL	669262.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.53E-04
421	ALL	669062.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.52E-04
162	ALL	668922.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.52E-04
674	ALL	669202.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.52E-04
1042	ALL	669442.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	8.50E-04
962	ALL	669382.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	8.48E-04
377	ALL	669042.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.48E-04
912	ALL	669362.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	8.47E-04
707	ALL	669222.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.45E-04
987	ALL	669402.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	8.45E-04
1015	ALL	669422.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	8.44E-04
120	ALL	668902.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.42E-04
333	ALL	669022.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.41E-04
829	ALL	669302.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	8.39E-04
938	ALL	669382.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.38E-04
289	ALL	669002.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.36E-04
731	ALL	669242.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	8.35E-04
793	ALL	669282.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	8.35E-04
247	ALL	668982.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.33E-04
889	ALL	669362.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	8.33E-04
866	ALL	669342.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	8.32E-04
75	ALL	668882.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.31E-04
848	ALL	669322.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	8.31E-04
963	ALL	669402.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	8.31E-04
205	ALL	668962.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.29E-04
554	ALL	669142.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.28E-04
596	ALL	669162.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.28E-04
512	ALL	669122.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.28E-04
629	ALL	669182.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.28E-04
467	ALL	669102.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.26E-04
988	ALL	669422.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	8.26E-04
652	ALL	669202.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.26E-04
913	ALL	669382.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	8.25E-04
422	ALL	669082.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.24E-04
163	ALL	668942.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.24E-04
811	ALL	669302.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	8.23E-04
378	ALL	669062.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.21E-04
755	ALL	669262.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.20E-04
675	ALL	669222.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.20E-04
1016	ALL	669442.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	8.19E-04

939	ALL	669402.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.19E-04
121	ALL	668922.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.16E-04
334	ALL	669042.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.14E-04
964	ALL	669422.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	8.13E-04
867	ALL	669362.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	8.10E-04
849	ALL	669342.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	8.10E-04
708	ALL	669242.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.10E-04
76	ALL	668902.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.09E-04
290	ALL	669022.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.09E-04
890	ALL	669382.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	8.09E-04
830	ALL	669322.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	8.08E-04
778	ALL	669282.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.07E-04
989	ALL	669442.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	8.06E-04
248	ALL	669002.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.05E-04
914	ALL	669402.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	8.04E-04
206	ALL	668982.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.02E-04
513	ALL	669142.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.01E-04
555	ALL	669162.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.01E-04
597	ALL	669182.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.01E-04
630	ALL	669202.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.00E-04
468	ALL	669122.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.99E-04
940	ALL	669422.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	7.98E-04
794	ALL	669302.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.97E-04
423	ALL	669102.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.97E-04
164	ALL	668962.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.97E-04
653	ALL	669222.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.96E-04
965	ALL	669442.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	7.95E-04
379	ALL	669082.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.94E-04
732	ALL	669262.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.93E-04
812	ALL	669322.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.91E-04
122	ALL	668942.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.90E-04
850	ALL	669362.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	7.89E-04
868	ALL	669382.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	7.89E-04
335	ALL	669062.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.88E-04
831	ALL	669342.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	7.88E-04
891	ALL	669402.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	7.87E-04
676	ALL	669242.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.86E-04
77	ALL	668922.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.85E-04
291	ALL	669042.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.83E-04
915	ALL	669422.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	7.82E-04
249	ALL	669022.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.79E-04
941	ALL	669442.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	7.77E-04
756	ALL	669282.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-04
207	ALL	669002.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-04
556	ALL	669182.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.75E-04
514	ALL	669162.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.75E-04
598	ALL	669202.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.74E-04
469	ALL	669142.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.74E-04
631	ALL	669222.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.74E-04
424	ALL	669122.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.72E-04
165	ALL	668982.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.71E-04
709	ALL	669262.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.71E-04
813	ALL	669342.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.70E-04
779	ALL	669302.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.69E-04
832	ALL	669362.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	7.69E-04
380	ALL	669102.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.69E-04
851	ALL	669382.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	7.69E-04
869	ALL	669402.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	7.68E-04
123	ALL	668962.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.66E-04
795	ALL	669322.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.66E-04
892	ALL	669422.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	7.65E-04
654	ALL	669242.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.65E-04
336	ALL	669082.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.64E-04
78	ALL	668942.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.62E-04
916	ALL	669442.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	7.60E-04
292	ALL	669062.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.59E-04
28	ALL	668922.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.57E-04
250	ALL	669042.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.55E-04
733	ALL	669282.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.52E-04
599	ALL	669222.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.51E-04
208	ALL	669022.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.51E-04
677	ALL	669262.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.51E-04
814	ALL	669362.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.50E-04
833	ALL	669382.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	7.50E-04
515	ALL	669182.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.49E-04
557	ALL	669202.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.49E-04
852	ALL	669402.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	7.49E-04
470	ALL	669162.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.49E-04
166	ALL	669002.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.47E-04
425	ALL	669142.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.47E-04
870	ALL	669422.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	7.47E-04

796	ALL	669342.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.46E-04
632	ALL	669242.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.46E-04
381	ALL	669122.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.45E-04
893	ALL	669442.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	7.45E-04
124	ALL	668982.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.43E-04
757	ALL	669302.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.43E-04
337	ALL	669102.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.41E-04
79	ALL	668962.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.39E-04
780	ALL	669322.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.39E-04
293	ALL	669082.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.36E-04
29	ALL	668942.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.35E-04
710	ALL	669282.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.34E-04
655	ALL	669262.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.34E-04
815	ALL	669382.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.32E-04
834	ALL	669402.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	7.32E-04
251	ALL	669062.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.32E-04
853	ALL	669422.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	7.31E-04
797	ALL	669362.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.30E-04
1	ALL	668922.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.30E-04
209	ALL	669042.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.28E-04
871	ALL	669442.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	7.28E-04
558	ALL	669222.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.28E-04
600	ALL	669242.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.27E-04
516	ALL	669202.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.25E-04
167	ALL	669022.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.25E-04
471	ALL	669182.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.25E-04
426	ALL	669162.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.24E-04
678	ALL	669282.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.22E-04
382	ALL	669142.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.22E-04
781	ALL	669342.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.21E-04
125	ALL	669002.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.21E-04
734	ALL	669302.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.21E-04
758	ALL	669322.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.20E-04
633	ALL	669262.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.19E-04
338	ALL	669122.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.18E-04
80	ALL	668982.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.18E-04
798	ALL	669382.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.17E-04
816	ALL	669402.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.15E-04
294	ALL	669102.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.14E-04
30	ALL	668962.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.14E-04
835	ALL	669422.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	7.13E-04
854	ALL	669442.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	7.10E-04
252	ALL	669082.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.09E-04
2	ALL	668942.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.09E-04
782	ALL	669362.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.09E-04
656	ALL	669282.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.08E-04
559	ALL	669242.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.06E-04
210	ALL	669062.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.06E-04
517	ALL	669222.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.04E-04
711	ALL	669302.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.04E-04
168	ALL	669042.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.03E-04
601	ALL	669262.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.03E-04
472	ALL	669202.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.02E-04
427	ALL	669182.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.01E-04
126	ALL	669022.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.00E-04
383	ALL	669162.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.00E-04
759	ALL	669342.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.99E-04
735	ALL	669322.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.99E-04
783	ALL	669382.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	6.99E-04
81	ALL	669002.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-04
339	ALL	669142.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-04
799	ALL	669402.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-04
679	ALL	669302.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.95E-04
634	ALL	669282.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.95E-04
817	ALL	669422.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	6.94E-04
31	ALL	668982.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.94E-04
295	ALL	669122.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.93E-04
836	ALL	669442.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	6.92E-04
3	ALL	668962.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.89E-04
253	ALL	669102.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.89E-04
211	ALL	669082.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.86E-04
560	ALL	669262.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.86E-04
657	ALL	669302.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.85E-04
518	ALL	669242.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.84E-04
760	ALL	669362.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.84E-04
169	ALL	669062.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.83E-04
736	ALL	669342.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.82E-04
473	ALL	669222.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.82E-04
127	ALL	669042.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.81E-04
602	ALL	669282.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.80E-04
712	ALL	669322.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.79E-04

428	ALL	669202.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.79E-04
784	ALL	669402.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	6.79E-04
384	ALL	669182.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.79E-04
82	ALL	669022.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.78E-04
761	ALL	669382.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.77E-04
800	ALL	669422.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	6.77E-04
340	ALL	669162.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.76E-04
32	ALL	669002.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.75E-04
818	ALL	669442.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	6.74E-04
296	ALL	669142.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.74E-04
680	ALL	669322.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.73E-04
635	ALL	669302.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.73E-04
4	ALL	668982.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.70E-04
254	ALL	669122.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.70E-04
737	ALL	669362.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.69E-04
713	ALL	669342.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.68E-04
212	ALL	669102.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.66E-04
519	ALL	669262.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.66E-04
561	ALL	669282.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.65E-04
658	ALL	669322.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.64E-04
170	ALL	669082.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.64E-04
474	ALL	669242.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.63E-04
128	ALL	669062.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.62E-04
429	ALL	669222.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.60E-04
785	ALL	669422.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	6.59E-04
603	ALL	669302.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.59E-04
83	ALL	669042.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.59E-04
762	ALL	669402.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.59E-04
738	ALL	669382.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.59E-04
385	ALL	669202.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.58E-04
33	ALL	669022.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.57E-04
714	ALL	669362.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.57E-04
801	ALL	669442.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	6.57E-04
681	ALL	669342.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.56E-04
341	ALL	669182.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.56E-04
297	ALL	669162.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.54E-04
5	ALL	669002.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.53E-04
636	ALL	669322.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.52E-04
255	ALL	669142.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.52E-04
213	ALL	669122.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.48E-04
520	ALL	669282.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.47E-04
171	ALL	669102.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.46E-04
562	ALL	669302.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.45E-04
659	ALL	669342.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.45E-04
475	ALL	669262.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.45E-04
129	ALL	669082.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.44E-04
430	ALL	669242.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.42E-04
715	ALL	669382.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.41E-04
84	ALL	669062.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.41E-04
763	ALL	669422.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.41E-04
739	ALL	669402.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.41E-04
786	ALL	669442.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	6.41E-04
682	ALL	669362.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.40E-04
604	ALL	669322.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.40E-04
386	ALL	669222.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.39E-04
34	ALL	669042.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.39E-04
342	ALL	669202.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.37E-04
6	ALL	669022.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.37E-04
298	ALL	669182.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.35E-04
637	ALL	669342.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.33E-04
256	ALL	669162.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.33E-04
214	ALL	669142.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.30E-04
521	ALL	669302.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.29E-04
172	ALL	669122.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.28E-04
476	ALL	669282.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.27E-04
660	ALL	669362.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.27E-04
130	ALL	669102.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.27E-04
563	ALL	669322.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.26E-04
431	ALL	669262.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.25E-04
85	ALL	669082.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.24E-04
716	ALL	669402.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.24E-04
764	ALL	669442.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.24E-04
740	ALL	669422.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.24E-04
683	ALL	669382.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.23E-04
35	ALL	669062.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.22E-04
387	ALL	669242.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.22E-04
605	ALL	669342.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.21E-04
7	ALL	669042.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.20E-04
343	ALL	669222.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.20E-04
299	ALL	669202.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.18E-04
257	ALL	669182.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-04

638	ALL	669362.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.15E-04
215	ALL	669162.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.13E-04
173	ALL	669142.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.12E-04
522	ALL	669322.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.11E-04
477	ALL	669302.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.11E-04
131	ALL	669122.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.10E-04
661	ALL	669382.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.10E-04
564	ALL	669342.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.09E-04
432	ALL	669282.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.08E-04
684	ALL	669402.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.08E-04
86	ALL	669102.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.08E-04
741	ALL	669442.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.08E-04
717	ALL	669422.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.08E-04
388	ALL	669262.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.06E-04
36	ALL	669082.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.06E-04
8	ALL	669062.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.04E-04
344	ALL	669242.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.04E-04
606	ALL	669362.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.04E-04
300	ALL	669222.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.02E-04
258	ALL	669202.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.99E-04
639	ALL	669382.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	5.99E-04
216	ALL	669182.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.97E-04
174	ALL	669162.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.96E-04
662	ALL	669402.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	5.95E-04
478	ALL	669322.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.95E-04
132	ALL	669142.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.94E-04
523	ALL	669342.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.94E-04
685	ALL	669422.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	5.93E-04
87	ALL	669122.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.93E-04
433	ALL	669302.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.93E-04
718	ALL	669442.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	5.92E-04
565	ALL	669362.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	5.92E-04
37	ALL	669102.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.90E-04
389	ALL	669282.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.90E-04
345	ALL	669262.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.89E-04
9	ALL	669082.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.88E-04
607	ALL	669382.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	5.87E-04
301	ALL	669242.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.87E-04
259	ALL	669222.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.84E-04
640	ALL	669402.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	5.83E-04
217	ALL	669202.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.82E-04
175	ALL	669182.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.81E-04
133	ALL	669162.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.80E-04
663	ALL	669422.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	5.80E-04
479	ALL	669342.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.79E-04
88	ALL	669142.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.78E-04
686	ALL	669442.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	5.78E-04
524	ALL	669362.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.78E-04
434	ALL	669322.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.77E-04
38	ALL	669122.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.76E-04
566	ALL	669382.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	5.75E-04
390	ALL	669302.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.75E-04
10	ALL	669102.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.74E-04
346	ALL	669282.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.73E-04
302	ALL	669262.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.72E-04
608	ALL	669402.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	5.71E-04
260	ALL	669242.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.70E-04
218	ALL	669222.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.69E-04
641	ALL	669422.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	5.68E-04
176	ALL	669202.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.67E-04
134	ALL	669182.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.67E-04
89	ALL	669162.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.65E-04
664	ALL	669442.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	5.65E-04
480	ALL	669362.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.63E-04
39	ALL	669142.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.63E-04
525	ALL	669382.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.62E-04
435	ALL	669342.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.62E-04
11	ALL	669122.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.60E-04
567	ALL	669402.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	5.60E-04
391	ALL	669322.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.59E-04
347	ALL	669302.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.58E-04
303	ALL	669282.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.58E-04
261	ALL	669262.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.57E-04
219	ALL	669242.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.56E-04
609	ALL	669422.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	5.56E-04
177	ALL	669222.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.55E-04
135	ALL	669202.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.54E-04
642	ALL	669442.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	5.53E-04
90	ALL	669182.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.53E-04
40	ALL	669162.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.50E-04
481	ALL	669382.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.49E-04

436	ALL	669362.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.48E-04
12	ALL	669142.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.48E-04
526	ALL	669402.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.47E-04
392	ALL	669342.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.45E-04
568	ALL	669422.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	5.45E-04
220	ALL	669262.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.44E-04
262	ALL	669282.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.44E-04
304	ALL	669302.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.43E-04
348	ALL	669322.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.43E-04
178	ALL	669242.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.43E-04
136	ALL	669222.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.42E-04
610	ALL	669442.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	5.42E-04
91	ALL	669202.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.41E-04
41	ALL	669182.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.39E-04
13	ALL	669162.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.36E-04
482	ALL	669402.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.34E-04
437	ALL	669382.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.34E-04
527	ALL	669422.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.33E-04
393	ALL	669362.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.32E-04
179	ALL	669262.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.32E-04
221	ALL	669282.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.31E-04
137	ALL	669242.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.31E-04
569	ALL	669442.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	5.31E-04
263	ALL	669302.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.31E-04
92	ALL	669222.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-04
305	ALL	669322.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-04
349	ALL	669342.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-04
42	ALL	669202.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.28E-04
14	ALL	669182.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.25E-04
483	ALL	669422.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.20E-04
438	ALL	669402.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.20E-04
138	ALL	669262.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.19E-04
528	ALL	669442.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.19E-04
180	ALL	669282.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.19E-04
394	ALL	669382.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.19E-04
93	ALL	669242.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.19E-04
222	ALL	669302.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.18E-04
264	ALL	669322.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.18E-04
43	ALL	669222.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.17E-04
306	ALL	669342.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.17E-04
350	ALL	669362.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.16E-04
15	ALL	669202.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.15E-04
139	ALL	669282.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.07E-04
484	ALL	669442.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.07E-04
439	ALL	669422.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.07E-04
181	ALL	669302.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.07E-04
94	ALL	669262.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.07E-04
223	ALL	669322.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-04
265	ALL	669342.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-04
395	ALL	669402.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.05E-04
44	ALL	669242.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.05E-04
307	ALL	669362.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.04E-04
351	ALL	669382.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.04E-04
16	ALL	669222.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.03E-04
140	ALL	669302.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-04
182	ALL	669322.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-04
95	ALL	669282.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-04
224	ALL	669342.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-04
440	ALL	669442.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	4.94E-04
266	ALL	669362.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	4.94E-04
45	ALL	669262.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.93E-04
396	ALL	669422.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	4.93E-04
308	ALL	669382.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	4.93E-04
17	ALL	669242.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.92E-04
352	ALL	669402.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	4.91E-04
141	ALL	669322.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.84E-04
183	ALL	669342.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.84E-04
96	ALL	669302.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.84E-04
225	ALL	669362.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.83E-04
267	ALL	669382.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	4.83E-04
46	ALL	669282.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.82E-04
309	ALL	669402.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	4.81E-04
397	ALL	669442.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	4.81E-04
18	ALL	669262.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.80E-04
353	ALL	669422.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	4.79E-04
184	ALL	669362.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.73E-04
142	ALL	669342.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.73E-04
226	ALL	669382.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.73E-04
97	ALL	669322.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.72E-04
268	ALL	669402.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	4.72E-04
47	ALL	669302.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.70E-04

310	ALL	669422.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	4.70E-04
19	ALL	669282.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.68E-04
354	ALL	669442.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	4.68E-04
185	ALL	669382.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.63E-04
143	ALL	669362.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.63E-04
227	ALL	669402.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-04
269	ALL	669422.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-04
98	ALL	669342.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-04
48	ALL	669322.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.60E-04
311	ALL	669442.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	4.59E-04
20	ALL	669302.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.58E-04
186	ALL	669402.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.52E-04
228	ALL	669422.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.52E-04
144	ALL	669382.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.52E-04
270	ALL	669442.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	4.51E-04
99	ALL	669362.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.51E-04
49	ALL	669342.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.49E-04
21	ALL	669322.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.48E-04
187	ALL	669422.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.42E-04
229	ALL	669442.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.42E-04
145	ALL	669402.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.41E-04
100	ALL	669382.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.40E-04
50	ALL	669362.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.39E-04
22	ALL	669342.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.37E-04
188	ALL	669442.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.32E-04
146	ALL	669422.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.31E-04
101	ALL	669402.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.30E-04
51	ALL	669382.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.29E-04
23	ALL	669362.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.27E-04
147	ALL	669442.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.22E-04
102	ALL	669422.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.21E-04
52	ALL	669402.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.19E-04
24	ALL	669382.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.17E-04
103	ALL	669442.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.12E-04
53	ALL	669422.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.10E-04
25	ALL	669402.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.07E-04
54	ALL	669442.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.01E-04
26	ALL	669422.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	3.98E-04
27	ALL	669442.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	3.89E-04

Item # 11.

*HARP - HRACalc v22118 10/12/2023 2:15:53 PM - Cancer Risk - Input File: C:\Users\imcintire\Desktop\HARP2\9478_DORSEY_EXISTING-PROJECT_\hra\9478_DORSEY_EXISTING-PROJECT_HRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK
1095	ALL		668822.3	4344021	2.74E-05	30YrCancerDerived_InhSoilDermMMilk	2.74E-05
1060	ALL		668802.3	4344001	2.64E-05	30YrCancerDerived_InhSoilDermMMilk	2.64E-05
1028	ALL		668782.3	4343981	2.54E-05	30YrCancerDerived_InhSoilDermMMilk	2.54E-05
1679	ALL		669162.3	4344301	2.21E-05	30YrCancerDerived_InhSoilDermMMilk	2.21E-05
1294	ALL		668889.2	4344116	2.08E-05	30YrCancerDerived_InhSoilDermMMilk	2.08E-05
1418	ALL		668942.3	4344181	2.08E-05	30YrCancerDerived_InhSoilDermMMilk	2.08E-05
1131	ALL		668822.3	4344041	2.07E-05	30YrCancerDerived_InhSoilDermMMilk	2.07E-05
1725	ALL		669182.3	4344321	2.07E-05	30YrCancerDerived_InhSoilDermMMilk	2.07E-05
1094	ALL		668802.3	4344021	2.01E-05	30YrCancerDerived_InhSoilDermMMilk	2.01E-05
1375	ALL		668922.3	4344161	1.98E-05	30YrCancerDerived_InhSoilDermMMilk	1.98E-05
1548	ALL		669122.3	4344241	1.97E-05	30YrCancerDerived_InhSoilDermMMilk	1.97E-05
1590	ALL		669002.3	4344261	1.97E-05	30YrCancerDerived_InhSoilDermMMilk	1.97E-05
1059	ALL		668782.3	4344001	1.95E-05	30YrCancerDerived_InhSoilDermMMilk	1.95E-05
1027	ALL		668762.3	4343981	1.89E-05	30YrCancerDerived_InhSoilDermMMilk	1.89E-05
999	ALL		668742.3	4343961	1.82E-05	30YrCancerDerived_InhSoilDermMMilk	1.82E-05
1591	ALL		669142.3	4344261	1.82E-05	30YrCancerDerived_InhSoilDermMMilk	1.82E-05
742	ALL		668662.3	4343721	1.80E-05	30YrCancerDerived_InhSoilDermMMilk	1.80E-05
1505	ALL		668962.3	4344221	1.79E-05	30YrCancerDerived_InhSoilDermMMilk	1.79E-05
765	ALL		668682.3	4343741	1.78E-05	30YrCancerDerived_InhSoilDermMMilk	1.78E-05
1724	ALL		669042.3	4344321	1.77E-05	30YrCancerDerived_InhSoilDermMMilk	1.77E-05
787	ALL		668702.3	4343761	1.75E-05	30YrCancerDerived_InhSoilDermMMilk	1.75E-05
975	ALL		668722.3	4343941	1.75E-05	30YrCancerDerived_InhSoilDermMMilk	1.75E-05
1419	ALL		669082.3	4344181	1.75E-05	30YrCancerDerived_InhSoilDermMMilk	1.75E-05
1212	ALL		669002.3	4344081	1.72E-05	30YrCancerDerived_InhSoilDermMMilk	1.72E-05
1461	ALL		668942.3	4344201	1.71E-05	30YrCancerDerived_InhSoilDermMMilk	1.71E-05
1635	ALL		669162.3	4344281	1.70E-05	30YrCancerDerived_InhSoilDermMMilk	1.70E-05
903	ALL		668671.5	4343883	1.67E-05	30YrCancerDerived_InhSoilDermMMilk	1.67E-05
1462	ALL		669102.3	4344201	1.66E-05	30YrCancerDerived_InhSoilDermMMilk	1.66E-05
1417	ALL		668922.3	4344181	1.65E-05	30YrCancerDerived_InhSoilDermMMilk	1.65E-05
1254	ALL		669022.3	4344101	1.63E-05	30YrCancerDerived_InhSoilDermMMilk	1.63E-05
1680	ALL		669182.3	4344301	1.60E-05	30YrCancerDerived_InhSoilDermMMilk	1.60E-05
1093	ALL		668782.3	4344021	1.60E-05	30YrCancerDerived_InhSoilDermMMilk	1.60E-05
1589	ALL		668982.3	4344261	1.58E-05	30YrCancerDerived_InhSoilDermMMilk	1.58E-05
1506	ALL		669122.3	4344221	1.57E-05	30YrCancerDerived_InhSoilDermMMilk	1.57E-05
1726	ALL		669202.3	4344321	1.56E-05	30YrCancerDerived_InhSoilDermMMilk	1.56E-05
1058	ALL		668762.3	4344001	1.55E-05	30YrCancerDerived_InhSoilDermMMilk	1.55E-05
1295	ALL		669042.3	4344121	1.53E-05	30YrCancerDerived_InhSoilDermMMilk	1.53E-05
1547	ALL		668962.3	4344241	1.52E-05	30YrCancerDerived_InhSoilDermMMilk	1.52E-05
1026	ALL		668742.3	4343981	1.50E-05	30YrCancerDerived_InhSoilDermMMilk	1.50E-05
842	ALL		668602.3	4343821	1.47E-05	30YrCancerDerived_InhSoilDermMMilk	1.47E-05
1504	ALL		668942.3	4344221	1.47E-05	30YrCancerDerived_InhSoilDermMMilk	1.47E-05
1549	ALL		669142.3	4344241	1.46E-05	30YrCancerDerived_InhSoilDermMMilk	1.46E-05
1723	ALL		669022.3	4344321	1.45E-05	30YrCancerDerived_InhSoilDermMMilk	1.45E-05
1334	ALL		669062.3	4344141	1.45E-05	30YrCancerDerived_InhSoilDermMMilk	1.45E-05
998	ALL		668722.3	4343961	1.42E-05	30YrCancerDerived_InhSoilDermMMilk	1.42E-05
1460	ALL		668922.3	4344201	1.42E-05	30YrCancerDerived_InhSoilDermMMilk	1.42E-05
802	ALL		668562.3	4343781	1.42E-05	30YrCancerDerived_InhSoilDermMMilk	1.42E-05
743	ALL		668682.3	4343721	1.41E-05	30YrCancerDerived_InhSoilDermMMilk	1.41E-05
1678	ALL		669002.3	4344301	1.41E-05	30YrCancerDerived_InhSoilDermMMilk	1.41E-05
1376	ALL		669082.3	4344161	1.40E-05	30YrCancerDerived_InhSoilDermMMilk	1.40E-05
766	ALL		668702.3	4343741	1.39E-05	30YrCancerDerived_InhSoilDermMMilk	1.39E-05
1592	ALL		669162.3	4344261	1.38E-05	30YrCancerDerived_InhSoilDermMMilk	1.38E-05
788	ALL		668722.3	4343761	1.38E-05	30YrCancerDerived_InhSoilDermMMilk	1.38E-05
1634	ALL		668982.3	4344281	1.37E-05	30YrCancerDerived_InhSoilDermMMilk	1.37E-05
1130	ALL		668782.3	4344041	1.37E-05	30YrCancerDerived_InhSoilDermMMilk	1.37E-05
1420	ALL		669102.3	4344181	1.34E-05	30YrCancerDerived_InhSoilDermMMilk	1.34E-05
1213	ALL		669022.3	4344081	1.33E-05	30YrCancerDerived_InhSoilDermMMilk	1.33E-05
1092	ALL		668762.3	4344021	1.33E-05	30YrCancerDerived_InhSoilDermMMilk	1.33E-05
1636	ALL		669182.3	4344281	1.31E-05	30YrCancerDerived_InhSoilDermMMilk	1.31E-05
1463	ALL		669122.3	4344201	1.29E-05	30YrCancerDerived_InhSoilDermMMilk	1.29E-05
1057	ALL		668742.3	4344001	1.29E-05	30YrCancerDerived_InhSoilDermMMilk	1.29E-05
1546	ALL		668942.3	4344241	1.29E-05	30YrCancerDerived_InhSoilDermMMilk	1.29E-05
952	ALL		668682.3	4343921	1.27E-05	30YrCancerDerived_InhSoilDermMMilk	1.27E-05
1681	ALL		669202.3	4344301	1.27E-05	30YrCancerDerived_InhSoilDermMMilk	1.27E-05
1255	ALL		669042.3	4344101	1.26E-05	30YrCancerDerived_InhSoilDermMMilk	1.26E-05
1727	ALL		669222.3	4344321	1.26E-05	30YrCancerDerived_InhSoilDermMMilk	1.26E-05
1503	ALL		668922.3	4344221	1.25E-05	30YrCancerDerived_InhSoilDermMMilk	1.25E-05
1025	ALL		668722.3	4343981	1.23E-05	30YrCancerDerived_InhSoilDermMMilk	1.23E-05
1722	ALL		669002.3	4344321	1.23E-05	30YrCancerDerived_InhSoilDermMMilk	1.23E-05
1211	ALL		668802.3	4344081	1.22E-05	30YrCancerDerived_InhSoilDermMMilk	1.22E-05
1507	ALL		669142.3	4344221	1.22E-05	30YrCancerDerived_InhSoilDermMMilk	1.22E-05
1677	ALL		668982.3	4344301	1.20E-05	30YrCancerDerived_InhSoilDermMMilk	1.20E-05
1170	ALL		668782.3	4344061	1.20E-05	30YrCancerDerived_InhSoilDermMMilk	1.20E-05
841	ALL		668582.3	4343821	1.19E-05	30YrCancerDerived_InhSoilDermMMilk	1.19E-05
821	ALL		668562.3	4343801	1.18E-05	30YrCancerDerived_InhSoilDermMMilk	1.18E-05
1296	ALL		669062.3	4344121	1.18E-05	30YrCancerDerived_InhSoilDermMMilk	1.18E-05
719	ALL		668682.3	4343701	1.18E-05	30YrCancerDerived_InhSoilDermMMilk	1.18E-05
1633	ALL		668962.3	4344281	1.17E-05	30YrCancerDerived_InhSoilDermMMilk	1.17E-05
1129	ALL		668762.3	4344041	1.17E-05	30YrCancerDerived_InhSoilDermMMilk	1.17E-05
744	ALL		668702.3	4343721	1.17E-05	30YrCancerDerived_InhSoilDermMMilk	1.17E-05
1550	ALL		669162.3	4344241	1.16E-05	30YrCancerDerived_InhSoilDermMMilk	1.16E-05

767	ALL	668722.3	4343741	1.15E-05	30YrCancerDerived_InhSoilDermMMilk	1.15E-05
1335	ALL	669082.3	4344141	1.14E-05	30YrCancerDerived_InhSoilDermMMilk	1.14E-05
860	ALL	668822.3	4343841	1.14E-05	30YrCancerDerived_InhSoilDermMMilk	1.14E-05
1091	ALL	668742.3	4344021	1.14E-05	30YrCancerDerived_InhSoilDermMMilk	1.14E-05
879	ALL	668842.3	4343861	1.13E-05	30YrCancerDerived_InhSoilDermMMilk	1.13E-05
1333	ALL	668842.3	4344141	1.13E-05	30YrCancerDerived_InhSoilDermMMilk	1.13E-05
1171	ALL	669022.3	4344061	1.12E-05	30YrCancerDerived_InhSoilDermMMilk	1.12E-05
1593	ALL	669182.3	4344261	1.11E-05	30YrCancerDerived_InhSoilDermMMilk	1.11E-05
974	ALL	668682.3	4343941	1.10E-05	30YrCancerDerived_InhSoilDermMMilk	1.10E-05
1056	ALL	668722.3	4344001	1.10E-05	30YrCancerDerived_InhSoilDermMMilk	1.10E-05
1253	ALL	668802.3	4344101	1.09E-05	30YrCancerDerived_InhSoilDermMMilk	1.09E-05
1377	ALL	669102.3	4344161	1.09E-05	30YrCancerDerived_InhSoilDermMMilk	1.09E-05
1210	ALL	668782.3	4344081	1.07E-05	30YrCancerDerived_InhSoilDermMMilk	1.07E-05
1637	ALL	669202.3	4344281	1.07E-05	30YrCancerDerived_InhSoilDermMMilk	1.07E-05
1721	ALL	668982.3	4344321	1.06E-05	30YrCancerDerived_InhSoilDermMMilk	1.06E-05
1214	ALL	669042.3	4344081	1.06E-05	30YrCancerDerived_InhSoilDermMMilk	1.06E-05
1421	ALL	669122.3	4344181	1.06E-05	30YrCancerDerived_InhSoilDermMMilk	1.06E-05
1728	ALL	669242.3	4344321	1.06E-05	30YrCancerDerived_InhSoilDermMMilk	1.06E-05
1682	ALL	669222.3	4344301	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05
1169	ALL	668762.3	4344061	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05
1676	ALL	668962.3	4344301	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05
951	ALL	668662.3	4343921	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05
1416	ALL	668862.3	4344181	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05
441	ALL	668542.3	4343541	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05
1464	ALL	669142.3	4344201	1.03E-05	30YrCancerDerived_InhSoilDermMMilk	1.03E-05
1632	ALL	668942.3	4344281	1.03E-05	30YrCancerDerived_InhSoilDermMMilk	1.03E-05
485	ALL	668562.3	4343561	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05
1374	ALL	668842.3	4344161	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05
1128	ALL	668742.3	4344041	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05
720	ALL	668702.3	4343701	1.01E-05	30YrCancerDerived_InhSoilDermMMilk	1.01E-05
840	ALL	668562.3	4343821	9.96E-06	30YrCancerDerived_InhSoilDermMMilk	9.96E-06
1090	ALL	668722.3	4344021	9.93E-06	30YrCancerDerived_InhSoilDermMMilk	9.93E-06
1508	ALL	669162.3	4344221	9.93E-06	30YrCancerDerived_InhSoilDermMMilk	9.93E-06
745	ALL	668722.3	4343721	9.92E-06	30YrCancerDerived_InhSoilDermMMilk	9.92E-06
1256	ALL	669062.3	4344101	9.90E-06	30YrCancerDerived_InhSoilDermMMilk	9.90E-06
820	ALL	668542.3	4343801	9.90E-06	30YrCancerDerived_InhSoilDermMMilk	9.90E-06
904	ALL	668882.3	4343881	9.81E-06	30YrCancerDerived_InhSoilDermMMilk	9.81E-06
843	ALL	668822.3	4343821	9.81E-06	30YrCancerDerived_InhSoilDermMMilk	9.81E-06
926	ALL	668902.3	4343901	9.81E-06	30YrCancerDerived_InhSoilDermMMilk	9.81E-06
880	ALL	668862.3	4343861	9.76E-06	30YrCancerDerived_InhSoilDermMMilk	9.76E-06
1252	ALL	668782.3	4344101	9.66E-06	30YrCancerDerived_InhSoilDermMMilk	9.66E-06
1502	ALL	668882.3	4344221	9.63E-06	30YrCancerDerived_InhSoilDermMMilk	9.63E-06
1551	ALL	669182.3	4344241	9.60E-06	30YrCancerDerived_InhSoilDermMMilk	9.60E-06
1209	ALL	668762.3	4344081	9.50E-06	30YrCancerDerived_InhSoilDermMMilk	9.50E-06
1055	ALL	668702.3	4344001	9.49E-06	30YrCancerDerived_InhSoilDermMMilk	9.49E-06
1459	ALL	668862.3	4344201	9.42E-06	30YrCancerDerived_InhSoilDermMMilk	9.42E-06
1720	ALL	668962.3	4344321	9.41E-06	30YrCancerDerived_InhSoilDermMMilk	9.41E-06
1297	ALL	669082.3	4344121	9.39E-06	30YrCancerDerived_InhSoilDermMMilk	9.39E-06
973	ALL	668662.3	4343941	9.37E-06	30YrCancerDerived_InhSoilDermMMilk	9.37E-06
1168	ALL	668742.3	4344061	9.29E-06	30YrCancerDerived_InhSoilDermMMilk	9.29E-06
1675	ALL	668942.3	4344301	9.27E-06	30YrCancerDerived_InhSoilDermMMilk	9.27E-06
1415	ALL	668842.3	4344181	9.26E-06	30YrCancerDerived_InhSoilDermMMilk	9.26E-06
1594	ALL	669202.3	4344261	9.24E-06	30YrCancerDerived_InhSoilDermMMilk	9.24E-06
1172	ALL	669042.3	4344061	9.18E-06	30YrCancerDerived_InhSoilDermMMilk	9.18E-06
1336	ALL	669102.3	4344141	9.14E-06	30YrCancerDerived_InhSoilDermMMilk	9.14E-06
1631	ALL	668922.3	4344281	9.13E-06	30YrCancerDerived_InhSoilDermMMilk	9.13E-06
1729	ALL	669262.3	4344321	9.11E-06	30YrCancerDerived_InhSoilDermMMilk	9.11E-06
1373	ALL	668822.3	4344161	9.09E-06	30YrCancerDerived_InhSoilDermMMilk	9.09E-06
1683	ALL	669242.3	4344301	9.02E-06	30YrCancerDerived_InhSoilDermMMilk	9.02E-06
1127	ALL	668722.3	4344041	9.02E-06	30YrCancerDerived_InhSoilDermMMilk	9.02E-06
1638	ALL	669222.3	4344281	8.94E-06	30YrCancerDerived_InhSoilDermMMilk	8.94E-06
398	ALL	668542.3	4343521	8.93E-06	30YrCancerDerived_InhSoilDermMMilk	8.93E-06
1588	ALL	668902.3	4344261	8.93E-06	30YrCancerDerived_InhSoilDermMMilk	8.93E-06
442	ALL	668562.3	4343541	8.86E-06	30YrCancerDerived_InhSoilDermMMilk	8.86E-06
1378	ALL	669122.3	4344161	8.81E-06	30YrCancerDerived_InhSoilDermMMilk	8.81E-06
1089	ALL	668702.3	4344021	8.81E-06	30YrCancerDerived_InhSoilDermMMilk	8.81E-06
1293	ALL	668782.3	4344121	8.80E-06	30YrCancerDerived_InhSoilDermMMilk	8.80E-06
1545	ALL	668882.3	4344241	8.78E-06	30YrCancerDerived_InhSoilDermMMilk	8.78E-06
486	ALL	668582.3	4343561	8.78E-06	30YrCancerDerived_InhSoilDermMMilk	8.78E-06
721	ALL	668722.3	4343701	8.74E-06	30YrCancerDerived_InhSoilDermMMilk	8.74E-06
1422	ALL	669142.3	4344181	8.73E-06	30YrCancerDerived_InhSoilDermMMilk	8.73E-06
997	ALL	668662.3	4343961	8.69E-06	30YrCancerDerived_InhSoilDermMMilk	8.69E-06
1251	ALL	668762.3	4344101	8.67E-06	30YrCancerDerived_InhSoilDermMMilk	8.67E-06
905	ALL	668902.3	4343881	8.66E-06	30YrCancerDerived_InhSoilDermMMilk	8.66E-06
746	ALL	668742.3	4343721	8.66E-06	30YrCancerDerived_InhSoilDermMMilk	8.66E-06
859	ALL	668562.3	4343841	8.65E-06	30YrCancerDerived_InhSoilDermMMilk	8.65E-06
902	ALL	668602.3	4343881	8.62E-06	30YrCancerDerived_InhSoilDermMMilk	8.62E-06
1501	ALL	668862.3	4344221	8.62E-06	30YrCancerDerived_InhSoilDermMMilk	8.62E-06
927	ALL	668922.3	4343901	8.62E-06	30YrCancerDerived_InhSoilDermMMilk	8.62E-06
839	ALL	668542.3	4343821	8.62E-06	30YrCancerDerived_InhSoilDermMMilk	8.62E-06
844	ALL	668842.3	4343821	8.61E-06	30YrCancerDerived_InhSoilDermMMilk	8.61E-06
1465	ALL	669162.3	4344201	8.57E-06	30YrCancerDerived_InhSoilDermMMilk	8.57E-06
1215	ALL	669062.3	4344081	8.57E-06	30YrCancerDerived_InhSoilDermMMilk	8.57E-06

861	ALL	668862.3	4343841	8.55E-06	30YrCancerDerived_InhSoilDermMMilk	8.55E-06
1208	ALL	668742.3	4344081	8.53E-06	30YrCancerDerived_InhSoilDermMMilk	8.53E-06
1054	ALL	668682.3	4344001	8.49E-06	30YrCancerDerived_InhSoilDermMMilk	8.49E-06
1458	ALL	668842.3	4344201	8.47E-06	30YrCancerDerived_InhSoilDermMMilk	8.47E-06
1719	ALL	668942.3	4344321	8.43E-06	30YrCancerDerived_InhSoilDermMMilk	8.43E-06
976	ALL	668962.3	4343941	8.41E-06	30YrCancerDerived_InhSoilDermMMilk	8.41E-06
1414	ALL	668822.3	4344181	8.33E-06	30YrCancerDerived_InhSoilDermMMilk	8.33E-06
1167	ALL	668722.3	4344061	8.33E-06	30YrCancerDerived_InhSoilDermMMilk	8.33E-06
1509	ALL	669182.3	4344221	8.32E-06	30YrCancerDerived_InhSoilDermMMilk	8.32E-06
1674	ALL	668922.3	4344301	8.32E-06	30YrCancerDerived_InhSoilDermMMilk	8.32E-06
1630	ALL	668902.3	4344281	8.21E-06	30YrCancerDerived_InhSoilDermMMilk	8.21E-06
1372	ALL	668802.3	4344161	8.19E-06	30YrCancerDerived_InhSoilDermMMilk	8.19E-06
972	ALL	668642.3	4343941	8.19E-06	30YrCancerDerived_InhSoilDermMMilk	8.19E-06
1126	ALL	668702.3	4344041	8.12E-06	30YrCancerDerived_InhSoilDermMMilk	8.12E-06
1132	ALL	669042.3	4344041	8.10E-06	30YrCancerDerived_InhSoilDermMMilk	8.10E-06
1552	ALL	669202.3	4344241	8.07E-06	30YrCancerDerived_InhSoilDermMMilk	8.07E-06
1587	ALL	668882.3	4344261	8.06E-06	30YrCancerDerived_InhSoilDermMMilk	8.06E-06
1730	ALL	669282.3	4344321	8.02E-06	30YrCancerDerived_InhSoilDermMMilk	8.02E-06
1684	ALL	669262.3	4344301	7.97E-06	30YrCancerDerived_InhSoilDermMMilk	7.97E-06
1088	ALL	668682.3	4344021	7.97E-06	30YrCancerDerived_InhSoilDermMMilk	7.97E-06
1292	ALL	668762.3	4344121	7.94E-06	30YrCancerDerived_InhSoilDermMMilk	7.94E-06
1544	ALL	668862.3	4344241	7.94E-06	30YrCancerDerived_InhSoilDermMMilk	7.94E-06
1595	ALL	669222.3	4344261	7.92E-06	30YrCancerDerived_InhSoilDermMMilk	7.92E-06
1257	ALL	669082.3	4344101	7.90E-06	30YrCancerDerived_InhSoilDermMMilk	7.90E-06
901	ALL	668582.3	4343881	7.87E-06	30YrCancerDerived_InhSoilDermMMilk	7.87E-06
1250	ALL	668742.3	4344101	7.85E-06	30YrCancerDerived_InhSoilDermMMilk	7.85E-06
355	ALL	668542.3	4343501	7.84E-06	30YrCancerDerived_InhSoilDermMMilk	7.84E-06
687	ALL	668722.3	4343681	7.80E-06	30YrCancerDerived_InhSoilDermMMilk	7.80E-06
399	ALL	668562.3	4343521	7.80E-06	30YrCancerDerived_InhSoilDermMMilk	7.80E-06
1500	ALL	668842.3	4344221	7.80E-06	30YrCancerDerived_InhSoilDermMMilk	7.80E-06
1639	ALL	669242.3	4344281	7.80E-06	30YrCancerDerived_InhSoilDermMMilk	7.80E-06
312	ALL	668522.3	4343481	7.80E-06	30YrCancerDerived_InhSoilDermMMilk	7.80E-06
996	ALL	668642.3	4343961	7.79E-06	30YrCancerDerived_InhSoilDermMMilk	7.79E-06
878	ALL	668562.3	4343861	7.78E-06	30YrCancerDerived_InhSoilDermMMilk	7.78E-06
570	ALL	668642.3	4343601	7.78E-06	30YrCancerDerived_InhSoilDermMMilk	7.78E-06
443	ALL	668582.3	4343541	7.75E-06	30YrCancerDerived_InhSoilDermMMilk	7.75E-06
1298	ALL	669102.3	4344121	7.74E-06	30YrCancerDerived_InhSoilDermMMilk	7.74E-06
722	ALL	668742.3	4343701	7.74E-06	30YrCancerDerived_InhSoilDermMMilk	7.74E-06
1207	ALL	668722.3	4344081	7.73E-06	30YrCancerDerived_InhSoilDermMMilk	7.73E-06
925	ALL	668602.3	4343901	7.73E-06	30YrCancerDerived_InhSoilDermMMilk	7.73E-06
881	ALL	668902.3	4343861	7.72E-06	30YrCancerDerived_InhSoilDermMMilk	7.72E-06
487	ALL	668602.3	4343561	7.71E-06	30YrCancerDerived_InhSoilDermMMilk	7.71E-06
822	ALL	668842.3	4343801	7.69E-06	30YrCancerDerived_InhSoilDermMMilk	7.69E-06
747	ALL	668762.3	4343721	7.69E-06	30YrCancerDerived_InhSoilDermMMilk	7.69E-06
906	ALL	668922.3	4343881	7.69E-06	30YrCancerDerived_InhSoilDermMMilk	7.69E-06
858	ALL	668542.3	4343841	7.68E-06	30YrCancerDerived_InhSoilDermMMilk	7.68E-06
1457	ALL	668822.3	4344201	7.68E-06	30YrCancerDerived_InhSoilDermMMilk	7.68E-06
862	ALL	668882.3	4343841	7.64E-06	30YrCancerDerived_InhSoilDermMMilk	7.64E-06
1173	ALL	669062.3	4344061	7.64E-06	30YrCancerDerived_InhSoilDermMMilk	7.64E-06
928	ALL	668942.3	4343901	7.63E-06	30YrCancerDerived_InhSoilDermMMilk	7.63E-06
838	ALL	668522.3	4343821	7.63E-06	30YrCancerDerived_InhSoilDermMMilk	7.63E-06
1718	ALL	668922.3	4344321	7.63E-06	30YrCancerDerived_InhSoilDermMMilk	7.63E-06
1337	ALL	669122.3	4344141	7.56E-06	30YrCancerDerived_InhSoilDermMMilk	7.56E-06
1166	ALL	668702.3	4344061	7.56E-06	30YrCancerDerived_InhSoilDermMMilk	7.56E-06
1413	ALL	668802.3	4344181	7.56E-06	30YrCancerDerived_InhSoilDermMMilk	7.56E-06
1024	ALL	668642.3	4343981	7.55E-06	30YrCancerDerived_InhSoilDermMMilk	7.55E-06
1673	ALL	668902.3	4344301	7.54E-06	30YrCancerDerived_InhSoilDermMMilk	7.54E-06
953	ALL	668962.3	4343921	7.52E-06	30YrCancerDerived_InhSoilDermMMilk	7.52E-06
1629	ALL	668882.3	4344281	7.45E-06	30YrCancerDerived_InhSoilDermMMilk	7.45E-06
1371	ALL	668782.3	4344161	7.45E-06	30YrCancerDerived_InhSoilDermMMilk	7.45E-06
1423	ALL	669162.3	4344181	7.43E-06	30YrCancerDerived_InhSoilDermMMilk	7.43E-06
1379	ALL	669142.3	4344161	7.42E-06	30YrCancerDerived_InhSoilDermMMilk	7.42E-06
1125	ALL	668682.3	4344041	7.41E-06	30YrCancerDerived_InhSoilDermMMilk	7.41E-06
977	ALL	668982.3	4343941	7.40E-06	30YrCancerDerived_InhSoilDermMMilk	7.40E-06
1586	ALL	668862.3	4344261	7.34E-06	30YrCancerDerived_InhSoilDermMMilk	7.34E-06
1332	ALL	668762.3	4344141	7.32E-06	30YrCancerDerived_InhSoilDermMMilk	7.32E-06
1466	ALL	669182.3	4344201	7.31E-06	30YrCancerDerived_InhSoilDermMMilk	7.31E-06
1087	ALL	668662.3	4344021	7.28E-06	30YrCancerDerived_InhSoilDermMMilk	7.28E-06
924	ALL	668582.3	4343901	7.25E-06	30YrCancerDerived_InhSoilDermMMilk	7.25E-06
1291	ALL	668742.3	4344121	7.23E-06	30YrCancerDerived_InhSoilDermMMilk	7.23E-06
1543	ALL	668842.3	4344241	7.23E-06	30YrCancerDerived_InhSoilDermMMilk	7.23E-06
950	ALL	668602.3	4343921	7.22E-06	30YrCancerDerived_InhSoilDermMMilk	7.22E-06
900	ALL	668562.3	4343881	7.20E-06	30YrCancerDerived_InhSoilDermMMilk	7.20E-06
1000	ALL	669002.3	4343961	7.19E-06	30YrCancerDerived_InhSoilDermMMilk	7.19E-06
1731	ALL	669302.3	4344321	7.15E-06	30YrCancerDerived_InhSoilDermMMilk	7.15E-06
1685	ALL	669282.3	4344301	7.15E-06	30YrCancerDerived_InhSoilDermMMilk	7.15E-06
1249	ALL	668722.3	4344101	7.15E-06	30YrCancerDerived_InhSoilDermMMilk	7.15E-06
1053	ALL	668642.3	4344001	7.14E-06	30YrCancerDerived_InhSoilDermMMilk	7.14E-06
1499	ALL	668822.3	4344221	7.12E-06	30YrCancerDerived_InhSoilDermMMilk	7.12E-06
1216	ALL	669082.3	4344081	7.08E-06	30YrCancerDerived_InhSoilDermMMilk	7.08E-06
1510	ALL	669202.3	4344221	7.06E-06	30YrCancerDerived_InhSoilDermMMilk	7.06E-06
1640	ALL	669262.3	4344281	7.06E-06	30YrCancerDerived_InhSoilDermMMilk	7.06E-06
1206	ALL	668702.3	4344081	7.05E-06	30YrCancerDerived_InhSoilDermMMilk	7.05E-06

877	ALL	668542.3	4343861	7.05E-06	30YrCancerDerived_InhSoilDermMMilk	7.05E-06
1456	ALL	668802.3	4344201	7.01E-06	30YrCancerDerived_InhSoilDermMMilk	7.01E-06
1553	ALL	669222.3	4344241	7.00E-06	30YrCancerDerived_InhSoilDermMMilk	7.00E-06
571	ALL	668662.3	4343601	6.99E-06	30YrCancerDerived_InhSoilDermMMilk	6.99E-06
688	ALL	668742.3	4343681	6.99E-06	30YrCancerDerived_InhSoilDermMMilk	6.99E-06
1596	ALL	669242.3	4344261	6.98E-06	30YrCancerDerived_InhSoilDermMMilk	6.98E-06
857	ALL	668522.3	4343841	6.97E-06	30YrCancerDerived_InhSoilDermMMilk	6.97E-06
529	ALL	668642.3	4343581	6.96E-06	30YrCancerDerived_InhSoilDermMMilk	6.96E-06
1023	ALL	668622.3	4343981	6.96E-06	30YrCancerDerived_InhSoilDermMMilk	6.96E-06
1717	ALL	668902.3	4344321	6.95E-06	30YrCancerDerived_InhSoilDermMMilk	6.95E-06
356	ALL	668562.3	4343501	6.95E-06	30YrCancerDerived_InhSoilDermMMilk	6.95E-06
723	ALL	668762.3	4343701	6.95E-06	30YrCancerDerived_InhSoilDermMMilk	6.95E-06
1133	ALL	669062.3	4344041	6.94E-06	30YrCancerDerived_InhSoilDermMMilk	6.94E-06
882	ALL	668922.3	4343861	6.94E-06	30YrCancerDerived_InhSoilDermMMilk	6.94E-06
313	ALL	668542.3	4343481	6.93E-06	30YrCancerDerived_InhSoilDermMMilk	6.93E-06
1165	ALL	668682.3	4344061	6.92E-06	30YrCancerDerived_InhSoilDermMMilk	6.92E-06
1412	ALL	668782.3	4344181	6.90E-06	30YrCancerDerived_InhSoilDermMMilk	6.90E-06
1672	ALL	668882.3	4344301	6.89E-06	30YrCancerDerived_InhSoilDermMMilk	6.89E-06
845	ALL	668882.3	4343821	6.88E-06	30YrCancerDerived_InhSoilDermMMilk	6.88E-06
949	ALL	668582.3	4343921	6.82E-06	30YrCancerDerived_InhSoilDermMMilk	6.82E-06
1628	ALL	668862.3	4344281	6.82E-06	30YrCancerDerived_InhSoilDermMMilk	6.82E-06
1370	ALL	668762.3	4344161	6.81E-06	30YrCancerDerived_InhSoilDermMMilk	6.81E-06
929	ALL	668962.3	4343901	6.79E-06	30YrCancerDerived_InhSoilDermMMilk	6.79E-06
1124	ALL	668662.3	4344041	6.79E-06	30YrCancerDerived_InhSoilDermMMilk	6.79E-06
923	ALL	668562.3	4343901	6.74E-06	30YrCancerDerived_InhSoilDermMMilk	6.74E-06
1585	ALL	668842.3	4344261	6.72E-06	30YrCancerDerived_InhSoilDermMMilk	6.72E-06
1258	ALL	669102.3	4344101	6.70E-06	30YrCancerDerived_InhSoilDermMMilk	6.70E-06
1331	ALL	668742.3	4344141	6.70E-06	30YrCancerDerived_InhSoilDermMMilk	6.70E-06
954	ALL	668982.3	4343921	6.68E-06	30YrCancerDerived_InhSoilDermMMilk	6.68E-06
1086	ALL	668642.3	4344021	6.65E-06	30YrCancerDerived_InhSoilDermMMilk	6.65E-06
1542	ALL	668822.3	4344241	6.62E-06	30YrCancerDerived_InhSoilDermMMilk	6.62E-06
1290	ALL	668722.3	4344121	6.62E-06	30YrCancerDerived_InhSoilDermMMilk	6.62E-06
899	ALL	668542.3	4343881	6.61E-06	30YrCancerDerived_InhSoilDermMMilk	6.61E-06
1299	ALL	669122.3	4344121	6.57E-06	30YrCancerDerived_InhSoilDermMMilk	6.57E-06
1174	ALL	669082.3	4344061	6.57E-06	30YrCancerDerived_InhSoilDermMMilk	6.57E-06
978	ALL	669002.3	4343941	6.56E-06	30YrCancerDerived_InhSoilDermMMilk	6.56E-06
1248	ALL	668702.3	4344101	6.55E-06	30YrCancerDerived_InhSoilDermMMilk	6.55E-06
1498	ALL	668802.3	4344221	6.54E-06	30YrCancerDerived_InhSoilDermMMilk	6.54E-06
1052	ALL	668622.3	4344001	6.52E-06	30YrCancerDerived_InhSoilDermMMilk	6.52E-06
1424	ALL	669182.3	4344181	6.49E-06	30YrCancerDerived_InhSoilDermMMilk	6.49E-06
1686	ALL	669302.3	4344301	6.49E-06	30YrCancerDerived_InhSoilDermMMilk	6.49E-06
1380	ALL	669162.3	4344161	6.49E-06	30YrCancerDerived_InhSoilDermMMilk	6.49E-06
1338	ALL	669142.3	4344141	6.48E-06	30YrCancerDerived_InhSoilDermMMilk	6.48E-06
876	ALL	668522.3	4343861	6.47E-06	30YrCancerDerived_InhSoilDermMMilk	6.47E-06
1205	ALL	668682.3	4344081	6.46E-06	30YrCancerDerived_InhSoilDermMMilk	6.46E-06
1641	ALL	669282.3	4344281	6.43E-06	30YrCancerDerived_InhSoilDermMMilk	6.43E-06
1455	ALL	668782.3	4344201	6.43E-06	30YrCancerDerived_InhSoilDermMMilk	6.43E-06
1732	ALL	669322.3	4344321	6.42E-06	30YrCancerDerived_InhSoilDermMMilk	6.42E-06
1716	ALL	668882.3	4344321	6.38E-06	30YrCancerDerived_InhSoilDermMMilk	6.38E-06
1467	ALL	669202.3	4344201	6.38E-06	30YrCancerDerived_InhSoilDermMMilk	6.38E-06
948	ALL	668562.3	4343921	6.35E-06	30YrCancerDerived_InhSoilDermMMilk	6.35E-06
856	ALL	668502.3	4343841	6.35E-06	30YrCancerDerived_InhSoilDermMMilk	6.35E-06
1164	ALL	668662.3	4344061	6.35E-06	30YrCancerDerived_InhSoilDermMMilk	6.35E-06
572	ALL	668682.3	4343601	6.34E-06	30YrCancerDerived_InhSoilDermMMilk	6.34E-06
1411	ALL	668762.3	4344181	6.34E-06	30YrCancerDerived_InhSoilDermMMilk	6.34E-06
1671	ALL	668862.3	4344301	6.34E-06	30YrCancerDerived_InhSoilDermMMilk	6.34E-06
689	ALL	668762.3	4343681	6.33E-06	30YrCancerDerived_InhSoilDermMMilk	6.33E-06
1597	ALL	669262.3	4344261	6.32E-06	30YrCancerDerived_InhSoilDermMMilk	6.32E-06
530	ALL	668662.3	4343581	6.32E-06	30YrCancerDerived_InhSoilDermMMilk	6.32E-06
803	ALL	668862.3	4343781	6.31E-06	30YrCancerDerived_InhSoilDermMMilk	6.31E-06
724	ALL	668782.3	4343701	6.30E-06	30YrCancerDerived_InhSoilDermMMilk	6.30E-06
846	ALL	668902.3	4343821	6.28E-06	30YrCancerDerived_InhSoilDermMMilk	6.28E-06
488	ALL	668642.3	4343561	6.28E-06	30YrCancerDerived_InhSoilDermMMilk	6.28E-06
1627	ALL	668842.3	4344281	6.27E-06	30YrCancerDerived_InhSoilDermMMilk	6.27E-06
1369	ALL	668742.3	4344161	6.26E-06	30YrCancerDerived_InhSoilDermMMilk	6.26E-06
1554	ALL	669242.3	4344241	6.25E-06	30YrCancerDerived_InhSoilDermMMilk	6.25E-06
922	ALL	668542.3	4343901	6.23E-06	30YrCancerDerived_InhSoilDermMMilk	6.23E-06
1123	ALL	668642.3	4344041	6.20E-06	30YrCancerDerived_InhSoilDermMMilk	6.20E-06
1584	ALL	668822.3	4344261	6.18E-06	30YrCancerDerived_InhSoilDermMMilk	6.18E-06
1511	ALL	669222.3	4344221	6.17E-06	30YrCancerDerived_InhSoilDermMMilk	6.17E-06
1134	ALL	669082.3	4344041	6.17E-06	30YrCancerDerived_InhSoilDermMMilk	6.17E-06
1330	ALL	668722.3	4344141	6.16E-06	30YrCancerDerived_InhSoilDermMMilk	6.16E-06
898	ALL	668522.3	4343881	6.11E-06	30YrCancerDerived_InhSoilDermMMilk	6.11E-06
1541	ALL	668802.3	4344241	6.10E-06	30YrCancerDerived_InhSoilDermMMilk	6.10E-06
1217	ALL	669102.3	4344081	6.10E-06	30YrCancerDerived_InhSoilDermMMilk	6.10E-06
1289	ALL	668702.3	4344121	6.09E-06	30YrCancerDerived_InhSoilDermMMilk	6.09E-06
930	ALL	668982.3	4343901	6.09E-06	30YrCancerDerived_InhSoilDermMMilk	6.09E-06
1085	ALL	668622.3	4344021	6.08E-06	30YrCancerDerived_InhSoilDermMMilk	6.08E-06
1247	ALL	668682.3	4344101	6.03E-06	30YrCancerDerived_InhSoilDermMMilk	6.03E-06
1497	ALL	668782.3	4344221	6.02E-06	30YrCancerDerived_InhSoilDermMMilk	6.02E-06
955	ALL	669002.3	4343921	5.99E-06	30YrCancerDerived_InhSoilDermMMilk	5.99E-06
875	ALL	668502.3	4343861	5.97E-06	30YrCancerDerived_InhSoilDermMMilk	5.97E-06
1051	ALL	668602.3	4344001	5.97E-06	30YrCancerDerived_InhSoilDermMMilk	5.97E-06

1204	ALL	668662.3	4344081	5.95E-06	30YrCancerDerived_InhSoilDermMMilk	5.95E-06
1687	ALL	669322.3	4344301	5.93E-06	30YrCancerDerived_InhSoilDermMMilk	5.93E-06
1454	ALL	668762.3	4344201	5.92E-06	30YrCancerDerived_InhSoilDermMMilk	5.92E-06
1642	ALL	669302.3	4344281	5.91E-06	30YrCancerDerived_InhSoilDermMMilk	5.91E-06
1715	ALL	668862.3	4344321	5.91E-06	30YrCancerDerived_InhSoilDermMMilk	5.91E-06
947	ALL	668542.3	4343921	5.88E-06	30YrCancerDerived_InhSoilDermMMilk	5.88E-06
1670	ALL	668842.3	4344301	5.87E-06	30YrCancerDerived_InhSoilDermMMilk	5.87E-06
1410	ALL	668742.3	4344181	5.85E-06	30YrCancerDerived_InhSoilDermMMilk	5.85E-06
1598	ALL	669282.3	4344261	5.83E-06	30YrCancerDerived_InhSoilDermMMilk	5.83E-06
1163	ALL	668642.3	4344061	5.83E-06	30YrCancerDerived_InhSoilDermMMilk	5.83E-06
1259	ALL	669122.3	4344101	5.82E-06	30YrCancerDerived_InhSoilDermMMilk	5.82E-06
1733	ALL	669342.3	4344321	5.81E-06	30YrCancerDerived_InhSoilDermMMilk	5.81E-06
573	ALL	668702.3	4343601	5.80E-06	30YrCancerDerived_InhSoilDermMMilk	5.80E-06
1425	ALL	669202.3	4344181	5.80E-06	30YrCancerDerived_InhSoilDermMMilk	5.80E-06
1381	ALL	669182.3	4344161	5.79E-06	30YrCancerDerived_InhSoilDermMMilk	5.79E-06
531	ALL	668682.3	4343581	5.79E-06	30YrCancerDerived_InhSoilDermMMilk	5.79E-06
1626	ALL	668822.3	4344281	5.78E-06	30YrCancerDerived_InhSoilDermMMilk	5.78E-06
789	ALL	668862.3	4343761	5.78E-06	30YrCancerDerived_InhSoilDermMMilk	5.78E-06
690	ALL	668782.3	4343681	5.78E-06	30YrCancerDerived_InhSoilDermMMilk	5.78E-06
1368	ALL	668722.3	4344161	5.78E-06	30YrCancerDerived_InhSoilDermMMilk	5.78E-06
921	ALL	668522.3	4343901	5.77E-06	30YrCancerDerived_InhSoilDermMMilk	5.77E-06
725	ALL	668802.3	4343701	5.77E-06	30YrCancerDerived_InhSoilDermMMilk	5.77E-06
823	ALL	668902.3	4343801	5.76E-06	30YrCancerDerived_InhSoilDermMMilk	5.76E-06
489	ALL	668662.3	4343561	5.75E-06	30YrCancerDerived_InhSoilDermMMilk	5.75E-06
1555	ALL	669262.3	4344241	5.74E-06	30YrCancerDerived_InhSoilDermMMilk	5.74E-06
1175	ALL	669102.3	4344061	5.74E-06	30YrCancerDerived_InhSoilDermMMilk	5.74E-06
1339	ALL	669162.3	4344141	5.74E-06	30YrCancerDerived_InhSoilDermMMilk	5.74E-06
1583	ALL	668802.3	4344261	5.71E-06	30YrCancerDerived_InhSoilDermMMilk	5.71E-06
1300	ALL	669142.3	4344121	5.71E-06	30YrCancerDerived_InhSoilDermMMilk	5.71E-06
1122	ALL	668622.3	4344041	5.69E-06	30YrCancerDerived_InhSoilDermMMilk	5.69E-06
1329	ALL	668702.3	4344141	5.68E-06	30YrCancerDerived_InhSoilDermMMilk	5.68E-06
444	ALL	668642.3	4343541	5.68E-06	30YrCancerDerived_InhSoilDermMMilk	5.68E-06
897	ALL	668502.3	4343881	5.67E-06	30YrCancerDerived_InhSoilDermMMilk	5.67E-06
1540	ALL	668782.3	4344241	5.65E-06	30YrCancerDerived_InhSoilDermMMilk	5.65E-06
1468	ALL	669222.3	4344201	5.64E-06	30YrCancerDerived_InhSoilDermMMilk	5.64E-06
1288	ALL	668682.3	4344121	5.63E-06	30YrCancerDerived_InhSoilDermMMilk	5.63E-06
1512	ALL	669242.3	4344221	5.60E-06	30YrCancerDerived_InhSoilDermMMilk	5.60E-06
1084	ALL	668602.3	4344021	5.58E-06	30YrCancerDerived_InhSoilDermMMilk	5.58E-06
1246	ALL	668662.3	4344101	5.57E-06	30YrCancerDerived_InhSoilDermMMilk	5.57E-06
1496	ALL	668762.3	4344221	5.57E-06	30YrCancerDerived_InhSoilDermMMilk	5.57E-06
971	ALL	668542.3	4343941	5.57E-06	30YrCancerDerived_InhSoilDermMMilk	5.57E-06
874	ALL	668482.3	4343861	5.56E-06	30YrCancerDerived_InhSoilDermMMilk	5.56E-06
819	ALL	668442.3	4343801	5.56E-06	30YrCancerDerived_InhSoilDermMMilk	5.56E-06
1714	ALL	668842.3	4344321	5.50E-06	30YrCancerDerived_InhSoilDermMMilk	5.50E-06
1203	ALL	668642.3	4344081	5.49E-06	30YrCancerDerived_InhSoilDermMMilk	5.49E-06
1453	ALL	668742.3	4344201	5.49E-06	30YrCancerDerived_InhSoilDermMMilk	5.49E-06
1050	ALL	668582.3	4344001	5.48E-06	30YrCancerDerived_InhSoilDermMMilk	5.48E-06
1135	ALL	669102.3	4344041	5.47E-06	30YrCancerDerived_InhSoilDermMMilk	5.47E-06
1643	ALL	669322.3	4344281	5.46E-06	30YrCancerDerived_InhSoilDermMMilk	5.46E-06
946	ALL	668522.3	4343921	5.45E-06	30YrCancerDerived_InhSoilDermMMilk	5.45E-06
1669	ALL	668822.3	4344301	5.44E-06	30YrCancerDerived_InhSoilDermMMilk	5.44E-06
1409	ALL	668722.3	4344181	5.42E-06	30YrCancerDerived_InhSoilDermMMilk	5.42E-06
1599	ALL	669302.3	4344261	5.41E-06	30YrCancerDerived_InhSoilDermMMilk	5.41E-06
1688	ALL	669342.3	4344301	5.41E-06	30YrCancerDerived_InhSoilDermMMilk	5.41E-06
1218	ALL	669122.3	4344081	5.38E-06	30YrCancerDerived_InhSoilDermMMilk	5.38E-06
920	ALL	668502.3	4343901	5.38E-06	30YrCancerDerived_InhSoilDermMMilk	5.38E-06
1162	ALL	668622.3	4344061	5.37E-06	30YrCancerDerived_InhSoilDermMMilk	5.37E-06
1625	ALL	668802.3	4344281	5.37E-06	30YrCancerDerived_InhSoilDermMMilk	5.37E-06
1556	ALL	669282.3	4344241	5.36E-06	30YrCancerDerived_InhSoilDermMMilk	5.36E-06
574	ALL	668722.3	4343601	5.35E-06	30YrCancerDerived_InhSoilDermMMilk	5.35E-06
790	ALL	668882.3	4343761	5.34E-06	30YrCancerDerived_InhSoilDermMMilk	5.34E-06
532	ALL	668702.3	4343581	5.33E-06	30YrCancerDerived_InhSoilDermMMilk	5.33E-06
1367	ALL	668702.3	4344161	5.33E-06	30YrCancerDerived_InhSoilDermMMilk	5.33E-06
824	ALL	668922.3	4343801	5.33E-06	30YrCancerDerived_InhSoilDermMMilk	5.33E-06
691	ALL	668802.3	4343681	5.32E-06	30YrCancerDerived_InhSoilDermMMilk	5.32E-06
1582	ALL	668782.3	4344261	5.32E-06	30YrCancerDerived_InhSoilDermMMilk	5.32E-06
490	ALL	668682.3	4343561	5.31E-06	30YrCancerDerived_InhSoilDermMMilk	5.31E-06
896	ALL	668482.3	4343881	5.30E-06	30YrCancerDerived_InhSoilDermMMilk	5.30E-06
1734	ALL	669362.3	4344321	5.29E-06	30YrCancerDerived_InhSoilDermMMilk	5.29E-06
1382	ALL	669202.3	4344161	5.27E-06	30YrCancerDerived_InhSoilDermMMilk	5.27E-06
995	ALL	668542.3	4343961	5.27E-06	30YrCancerDerived_InhSoilDermMMilk	5.27E-06
1328	ALL	668682.3	4344141	5.27E-06	30YrCancerDerived_InhSoilDermMMilk	5.27E-06
1513	ALL	669262.3	4344221	5.26E-06	30YrCancerDerived_InhSoilDermMMilk	5.26E-06
1539	ALL	668762.3	4344241	5.26E-06	30YrCancerDerived_InhSoilDermMMilk	5.26E-06
1121	ALL	668602.3	4344041	5.25E-06	30YrCancerDerived_InhSoilDermMMilk	5.25E-06
445	ALL	668662.3	4343541	5.25E-06	30YrCancerDerived_InhSoilDermMMilk	5.25E-06
837	ALL	668442.3	4343821	5.24E-06	30YrCancerDerived_InhSoilDermMMilk	5.24E-06
1426	ALL	669222.3	4344181	5.23E-06	30YrCancerDerived_InhSoilDermMMilk	5.23E-06
1287	ALL	668662.3	4344121	5.22E-06	30YrCancerDerived_InhSoilDermMMilk	5.22E-06
400	ALL	668642.3	4343521	5.20E-06	30YrCancerDerived_InhSoilDermMMilk	5.20E-06
1495	ALL	668742.3	4344221	5.18E-06	30YrCancerDerived_InhSoilDermMMilk	5.18E-06
1245	ALL	668642.3	4344101	5.17E-06	30YrCancerDerived_InhSoilDermMMilk	5.17E-06
1469	ALL	669242.3	4344201	5.16E-06	30YrCancerDerived_InhSoilDermMMilk	5.16E-06

970	ALL	668522.3	4343941	5.15E-06	30YrCancerDerived_InhSoilDermMMilk	5.15E-06
1340	ALL	669182.3	4344141	5.15E-06	30YrCancerDerived_InhSoilDermMMilk	5.15E-06
1001	ALL	669062.3	4343961	5.15E-06	30YrCancerDerived_InhSoilDermMMilk	5.15E-06
873	ALL	668462.3	4343861	5.14E-06	30YrCancerDerived_InhSoilDermMMilk	5.14E-06
1083	ALL	668582.3	4344021	5.14E-06	30YrCancerDerived_InhSoilDermMMilk	5.14E-06
1713	ALL	668822.3	4344321	5.12E-06	30YrCancerDerived_InhSoilDermMMilk	5.12E-06
1260	ALL	669142.3	4344101	5.12E-06	30YrCancerDerived_InhSoilDermMMilk	5.12E-06
1176	ALL	669122.3	4344061	5.11E-06	30YrCancerDerived_InhSoilDermMMilk	5.11E-06
1301	ALL	669162.3	4344121	5.11E-06	30YrCancerDerived_InhSoilDermMMilk	5.11E-06
1452	ALL	668722.3	4344201	5.11E-06	30YrCancerDerived_InhSoilDermMMilk	5.11E-06
945	ALL	668502.3	4343921	5.10E-06	30YrCancerDerived_InhSoilDermMMilk	5.10E-06
1202	ALL	668622.3	4344081	5.08E-06	30YrCancerDerived_InhSoilDermMMilk	5.08E-06
1668	ALL	668802.3	4344301	5.07E-06	30YrCancerDerived_InhSoilDermMMilk	5.07E-06
1644	ALL	669342.3	4344281	5.06E-06	30YrCancerDerived_InhSoilDermMMilk	5.06E-06
919	ALL	668482.3	4343901	5.05E-06	30YrCancerDerived_InhSoilDermMMilk	5.05E-06
1049	ALL	668562.3	4344001	5.05E-06	30YrCancerDerived_InhSoilDermMMilk	5.05E-06
1408	ALL	668702.3	4344181	5.04E-06	30YrCancerDerived_InhSoilDermMMilk	5.04E-06
1600	ALL	669322.3	4344261	5.03E-06	30YrCancerDerived_InhSoilDermMMilk	5.03E-06
1624	ALL	668782.3	4344281	5.01E-06	30YrCancerDerived_InhSoilDermMMilk	5.01E-06
1557	ALL	669302.3	4344241	5.00E-06	30YrCancerDerived_InhSoilDermMMilk	5.00E-06
855	ALL	668442.3	4343841	4.98E-06	30YrCancerDerived_InhSoilDermMMilk	4.98E-06
1022	ALL	668542.3	4343981	4.97E-06	30YrCancerDerived_InhSoilDermMMilk	4.97E-06
1581	ALL	668762.3	4344261	4.97E-06	30YrCancerDerived_InhSoilDermMMilk	4.97E-06
1514	ALL	669282.3	4344221	4.97E-06	30YrCancerDerived_InhSoilDermMMilk	4.97E-06
1161	ALL	668602.3	4344061	4.96E-06	30YrCancerDerived_InhSoilDermMMilk	4.96E-06
768	ALL	668882.3	4343741	4.96E-06	30YrCancerDerived_InhSoilDermMMilk	4.96E-06
1689	ALL	669362.3	4344301	4.95E-06	30YrCancerDerived_InhSoilDermMMilk	4.95E-06
692	ALL	668822.3	4343681	4.95E-06	30YrCancerDerived_InhSoilDermMMilk	4.95E-06
1366	ALL	668682.3	4344161	4.95E-06	30YrCancerDerived_InhSoilDermMMilk	4.95E-06
895	ALL	668462.3	4343881	4.94E-06	30YrCancerDerived_InhSoilDermMMilk	4.94E-06
575	ALL	668742.3	4343601	4.94E-06	30YrCancerDerived_InhSoilDermMMilk	4.94E-06
533	ALL	668722.3	4343581	4.94E-06	30YrCancerDerived_InhSoilDermMMilk	4.94E-06
491	ALL	668702.3	4343561	4.93E-06	30YrCancerDerived_InhSoilDermMMilk	4.93E-06
1136	ALL	669122.3	4344041	4.92E-06	30YrCancerDerived_InhSoilDermMMilk	4.92E-06
1538	ALL	668742.3	4344241	4.90E-06	30YrCancerDerived_InhSoilDermMMilk	4.90E-06
1327	ALL	668662.3	4344141	4.90E-06	30YrCancerDerived_InhSoilDermMMilk	4.90E-06
994	ALL	668522.3	4343961	4.88E-06	30YrCancerDerived_InhSoilDermMMilk	4.88E-06
446	ALL	668682.3	4343541	4.88E-06	30YrCancerDerived_InhSoilDermMMilk	4.88E-06
55	ALL	668482.3	4343361	4.87E-06	30YrCancerDerived_InhSoilDermMMilk	4.87E-06
1470	ALL	669262.3	4344201	4.86E-06	30YrCancerDerived_InhSoilDermMMilk	4.86E-06
1286	ALL	668642.3	4344121	4.86E-06	30YrCancerDerived_InhSoilDermMMilk	4.86E-06
1494	ALL	668722.3	4344221	4.84E-06	30YrCancerDerived_InhSoilDermMMilk	4.84E-06
1120	ALL	668582.3	4344041	4.84E-06	30YrCancerDerived_InhSoilDermMMilk	4.84E-06
1219	ALL	669142.3	4344081	4.84E-06	30YrCancerDerived_InhSoilDermMMilk	4.84E-06
1735	ALL	669382.3	4344321	4.84E-06	30YrCancerDerived_InhSoilDermMMilk	4.84E-06
1383	ALL	669222.3	4344161	4.83E-06	30YrCancerDerived_InhSoilDermMMilk	4.83E-06
401	ALL	668662.3	4343521	4.83E-06	30YrCancerDerived_InhSoilDermMMilk	4.83E-06
969	ALL	668502.3	4343941	4.82E-06	30YrCancerDerived_InhSoilDermMMilk	4.82E-06
1427	ALL	669242.3	4344181	4.81E-06	30YrCancerDerived_InhSoilDermMMilk	4.81E-06
944	ALL	668482.3	4343921	4.81E-06	30YrCancerDerived_InhSoilDermMMilk	4.81E-06
357	ALL	668642.3	4343501	4.80E-06	30YrCancerDerived_InhSoilDermMMilk	4.80E-06
1244	ALL	668622.3	4344101	4.80E-06	30YrCancerDerived_InhSoilDermMMilk	4.80E-06
1712	ALL	668802.3	4344321	4.79E-06	30YrCancerDerived_InhSoilDermMMilk	4.79E-06
872	ALL	668442.3	4343861	4.78E-06	30YrCancerDerived_InhSoilDermMMilk	4.78E-06
1096	ALL	669122.3	4344021	4.78E-06	30YrCancerDerived_InhSoilDermMMilk	4.78E-06
1451	ALL	668702.3	4344201	4.77E-06	30YrCancerDerived_InhSoilDermMMilk	4.77E-06
1002	ALL	669082.3	4343961	4.77E-06	30YrCancerDerived_InhSoilDermMMilk	4.77E-06
1082	ALL	668562.3	4344021	4.76E-06	30YrCancerDerived_InhSoilDermMMilk	4.76E-06
918	ALL	668462.3	4343901	4.74E-06	30YrCancerDerived_InhSoilDermMMilk	4.74E-06
1667	ALL	668782.3	4344301	4.74E-06	30YrCancerDerived_InhSoilDermMMilk	4.74E-06
1601	ALL	669342.3	4344261	4.71E-06	30YrCancerDerived_InhSoilDermMMilk	4.71E-06
1407	ALL	668682.3	4344181	4.70E-06	30YrCancerDerived_InhSoilDermMMilk	4.70E-06
1048	ALL	668542.3	4344001	4.70E-06	30YrCancerDerived_InhSoilDermMMilk	4.70E-06
1201	ALL	668602.3	4344081	4.70E-06	30YrCancerDerived_InhSoilDermMMilk	4.70E-06
1623	ALL	668762.3	4344281	4.69E-06	30YrCancerDerived_InhSoilDermMMilk	4.69E-06
1558	ALL	669322.3	4344241	4.68E-06	30YrCancerDerived_InhSoilDermMMilk	4.68E-06
1341	ALL	669202.3	4344141	4.67E-06	30YrCancerDerived_InhSoilDermMMilk	4.67E-06
1515	ALL	669302.3	4344221	4.67E-06	30YrCancerDerived_InhSoilDermMMilk	4.67E-06
1645	ALL	669362.3	4344281	4.66E-06	30YrCancerDerived_InhSoilDermMMilk	4.66E-06
1177	ALL	669142.3	4344061	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06
1580	ALL	668742.3	4344261	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06
693	ALL	668842.3	4343681	4.64E-06	30YrCancerDerived_InhSoilDermMMilk	4.64E-06
1471	ALL	669282.3	4344201	4.63E-06	30YrCancerDerived_InhSoilDermMMilk	4.63E-06
665	ALL	668822.3	4343661	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
1021	ALL	668522.3	4343981	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
1261	ALL	669162.3	4344101	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
1302	ALL	669182.3	4344121	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
894	ALL	668442.3	4343881	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
1365	ALL	668662.3	4344161	4.61E-06	30YrCancerDerived_InhSoilDermMMilk	4.61E-06
576	ALL	668762.3	4343601	4.60E-06	30YrCancerDerived_InhSoilDermMMilk	4.60E-06
1537	ALL	668722.3	4344241	4.59E-06	30YrCancerDerived_InhSoilDermMMilk	4.59E-06
534	ALL	668742.3	4343581	4.59E-06	30YrCancerDerived_InhSoilDermMMilk	4.59E-06
1160	ALL	668582.3	4344061	4.59E-06	30YrCancerDerived_InhSoilDermMMilk	4.59E-06

492	ALL	668722.3	4343561	4.58E-06	30YrCancerDerived_InhSoilDermMMilk	4.58E-06
993	ALL	668502.3	4343961	4.58E-06	30YrCancerDerived_InhSoilDermMMilk	4.58E-06
968	ALL	668482.3	4343941	4.57E-06	30YrCancerDerived_InhSoilDermMMilk	4.57E-06
1326	ALL	668642.3	4344141	4.56E-06	30YrCancerDerived_InhSoilDermMMilk	4.56E-06
104	ALL	668522.3	4343381	4.56E-06	30YrCancerDerived_InhSoilDermMMilk	4.56E-06
1690	ALL	669382.3	4344301	4.56E-06	30YrCancerDerived_InhSoilDermMMilk	4.56E-06
447	ALL	668702.3	4343541	4.56E-06	30YrCancerDerived_InhSoilDermMMilk	4.56E-06
943	ALL	668462.3	4343921	4.54E-06	30YrCancerDerived_InhSoilDermMMilk	4.54E-06
1493	ALL	668702.3	4344221	4.53E-06	30YrCancerDerived_InhSoilDermMMilk	4.53E-06
1428	ALL	669262.3	4344181	4.53E-06	30YrCancerDerived_InhSoilDermMMilk	4.53E-06
1119	ALL	668562.3	4344041	4.51E-06	30YrCancerDerived_InhSoilDermMMilk	4.51E-06
1285	ALL	668622.3	4344121	4.51E-06	30YrCancerDerived_InhSoilDermMMilk	4.51E-06
402	ALL	668682.3	4343521	4.51E-06	30YrCancerDerived_InhSoilDermMMilk	4.51E-06
1137	ALL	669142.3	4344041	4.51E-06	30YrCancerDerived_InhSoilDermMMilk	4.51E-06
1711	ALL	668782.3	4344321	4.49E-06	30YrCancerDerived_InhSoilDermMMilk	4.49E-06
1384	ALL	669242.3	4344161	4.49E-06	30YrCancerDerived_InhSoilDermMMilk	4.49E-06
56	ALL	668502.3	4343361	4.48E-06	30YrCancerDerived_InhSoilDermMMilk	4.48E-06
358	ALL	668662.3	4343501	4.48E-06	30YrCancerDerived_InhSoilDermMMilk	4.48E-06
1450	ALL	668682.3	4344201	4.47E-06	30YrCancerDerived_InhSoilDermMMilk	4.47E-06
1081	ALL	668542.3	4344021	4.47E-06	30YrCancerDerived_InhSoilDermMMilk	4.47E-06
1243	ALL	668602.3	4344101	4.46E-06	30YrCancerDerived_InhSoilDermMMilk	4.46E-06
314	ALL	668642.3	4343481	4.45E-06	30YrCancerDerived_InhSoilDermMMilk	4.45E-06
917	ALL	668442.3	4343901	4.45E-06	30YrCancerDerived_InhSoilDermMMilk	4.45E-06
1666	ALL	668762.3	4344301	4.45E-06	30YrCancerDerived_InhSoilDermMMilk	4.45E-06
1736	ALL	669402.3	4344321	4.44E-06	30YrCancerDerived_InhSoilDermMMilk	4.44E-06
1097	ALL	669142.3	4344021	4.43E-06	30YrCancerDerived_InhSoilDermMMilk	4.43E-06
1622	ALL	668742.3	4344281	4.41E-06	30YrCancerDerived_InhSoilDermMMilk	4.41E-06
1220	ALL	669162.3	4344081	4.41E-06	30YrCancerDerived_InhSoilDermMMilk	4.41E-06
1559	ALL	669342.3	4344241	4.41E-06	30YrCancerDerived_InhSoilDermMMilk	4.41E-06
1047	ALL	668522.3	4344001	4.40E-06	30YrCancerDerived_InhSoilDermMMilk	4.40E-06
1602	ALL	669362.3	4344261	4.40E-06	30YrCancerDerived_InhSoilDermMMilk	4.40E-06
1406	ALL	668662.3	4344181	4.39E-06	30YrCancerDerived_InhSoilDermMMilk	4.39E-06
1472	ALL	669302.3	4344201	4.39E-06	30YrCancerDerived_InhSoilDermMMilk	4.39E-06
1516	ALL	669322.3	4344221	4.38E-06	30YrCancerDerived_InhSoilDermMMilk	4.38E-06
1579	ALL	668722.3	4344261	4.36E-06	30YrCancerDerived_InhSoilDermMMilk	4.36E-06
1200	ALL	668582.3	4344081	4.36E-06	30YrCancerDerived_InhSoilDermMMilk	4.36E-06
1020	ALL	668502.3	4343981	4.35E-06	30YrCancerDerived_InhSoilDermMMilk	4.35E-06
666	ALL	668842.3	4343661	4.35E-06	30YrCancerDerived_InhSoilDermMMilk	4.35E-06
992	ALL	668482.3	4343961	4.34E-06	30YrCancerDerived_InhSoilDermMMilk	4.34E-06
643	ALL	668822.3	4343641	4.34E-06	30YrCancerDerived_InhSoilDermMMilk	4.34E-06
694	ALL	668862.3	4343681	4.34E-06	30YrCancerDerived_InhSoilDermMMilk	4.34E-06
967	ALL	668462.3	4343941	4.33E-06	30YrCancerDerived_InhSoilDermMMilk	4.33E-06
1429	ALL	669282.3	4344181	4.33E-06	30YrCancerDerived_InhSoilDermMMilk	4.33E-06
1342	ALL	669222.3	4344141	4.32E-06	30YrCancerDerived_InhSoilDermMMilk	4.32E-06
577	ALL	668782.3	4343601	4.31E-06	30YrCancerDerived_InhSoilDermMMilk	4.31E-06
1536	ALL	668702.3	4344241	4.31E-06	30YrCancerDerived_InhSoilDermMMilk	4.31E-06
1646	ALL	669382.3	4344281	4.30E-06	30YrCancerDerived_InhSoilDermMMilk	4.30E-06
535	ALL	668762.3	4343581	4.30E-06	30YrCancerDerived_InhSoilDermMMilk	4.30E-06
1364	ALL	668642.3	4344161	4.29E-06	30YrCancerDerived_InhSoilDermMMilk	4.29E-06
1159	ALL	668562.3	4344061	4.29E-06	30YrCancerDerived_InhSoilDermMMilk	4.29E-06
942	ALL	668442.3	4343921	4.28E-06	30YrCancerDerived_InhSoilDermMMilk	4.28E-06
493	ALL	668742.3	4343561	4.28E-06	30YrCancerDerived_InhSoilDermMMilk	4.28E-06
448	ALL	668722.3	4343541	4.27E-06	30YrCancerDerived_InhSoilDermMMilk	4.27E-06
791	ALL	668942.3	4343761	4.27E-06	30YrCancerDerived_InhSoilDermMMilk	4.27E-06
1492	ALL	668682.3	4344221	4.25E-06	30YrCancerDerived_InhSoilDermMMilk	4.25E-06
1178	ALL	669162.3	4344061	4.25E-06	30YrCancerDerived_InhSoilDermMMilk	4.25E-06
1325	ALL	668622.3	4344141	4.25E-06	30YrCancerDerived_InhSoilDermMMilk	4.25E-06
1118	ALL	668542.3	4344041	4.25E-06	30YrCancerDerived_InhSoilDermMMilk	4.25E-06
1385	ALL	669262.3	4344161	4.23E-06	30YrCancerDerived_InhSoilDermMMilk	4.23E-06
403	ALL	668702.3	4343521	4.23E-06	30YrCancerDerived_InhSoilDermMMilk	4.23E-06
1710	ALL	668762.3	4344321	4.23E-06	30YrCancerDerived_InhSoilDermMMilk	4.23E-06
105	ALL	668542.3	4343381	4.23E-06	30YrCancerDerived_InhSoilDermMMilk	4.23E-06
931	ALL	669062.3	4343901	4.22E-06	30YrCancerDerived_InhSoilDermMMilk	4.22E-06
1080	ALL	668522.3	4344021	4.21E-06	30YrCancerDerived_InhSoilDermMMilk	4.21E-06
1691	ALL	669402.3	4344301	4.21E-06	30YrCancerDerived_InhSoilDermMMilk	4.21E-06
1284	ALL	668602.3	4344121	4.20E-06	30YrCancerDerived_InhSoilDermMMilk	4.20E-06
1262	ALL	669182.3	4344101	4.20E-06	30YrCancerDerived_InhSoilDermMMilk	4.20E-06
1303	ALL	669202.3	4344121	4.20E-06	30YrCancerDerived_InhSoilDermMMilk	4.20E-06
1449	ALL	668662.3	4344201	4.19E-06	30YrCancerDerived_InhSoilDermMMilk	4.19E-06
359	ALL	668682.3	4343501	4.19E-06	30YrCancerDerived_InhSoilDermMMilk	4.19E-06
1665	ALL	668742.3	4344301	4.19E-06	30YrCancerDerived_InhSoilDermMMilk	4.19E-06
315	ALL	668662.3	4343481	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-06
1046	ALL	668502.3	4344001	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-06
1560	ALL	669362.3	4344241	4.15E-06	30YrCancerDerived_InhSoilDermMMilk	4.15E-06
57	ALL	668522.3	4343361	4.15E-06	30YrCancerDerived_InhSoilDermMMilk	4.15E-06
1621	ALL	668722.3	4344281	4.15E-06	30YrCancerDerived_InhSoilDermMMilk	4.15E-06
1138	ALL	669162.3	4344041	4.15E-06	30YrCancerDerived_InhSoilDermMMilk	4.15E-06
1019	ALL	668482.3	4343981	4.14E-06	30YrCancerDerived_InhSoilDermMMilk	4.14E-06
1242	ALL	668582.3	4344101	4.14E-06	30YrCancerDerived_InhSoilDermMMilk	4.14E-06
1517	ALL	669342.3	4344221	4.14E-06	30YrCancerDerived_InhSoilDermMMilk	4.14E-06
271	ALL	668642.3	4343461	4.13E-06	30YrCancerDerived_InhSoilDermMMilk	4.13E-06
991	ALL	668462.3	4343961	4.13E-06	30YrCancerDerived_InhSoilDermMMilk	4.13E-06
1473	ALL	669322.3	4344201	4.13E-06	30YrCancerDerived_InhSoilDermMMilk	4.13E-06

1430	ALL	669302.3	4344181	4.11E-06	30YrCancerDerived_InhSoilDermMMilk	4.11E-06
1578	ALL	668702.3	4344261	4.10E-06	30YrCancerDerived_InhSoilDermMMilk	4.10E-06
1098	ALL	669162.3	4344021	4.10E-06	30YrCancerDerived_InhSoilDermMMilk	4.10E-06
966	ALL	668442.3	4343941	4.09E-06	30YrCancerDerived_InhSoilDermMMilk	4.09E-06
1737	ALL	669422.3	4344321	4.09E-06	30YrCancerDerived_InhSoilDermMMilk	4.09E-06
1405	ALL	668642.3	4344181	4.09E-06	30YrCancerDerived_InhSoilDermMMilk	4.09E-06
644	ALL	668842.3	4343641	4.09E-06	30YrCancerDerived_InhSoilDermMMilk	4.09E-06
1343	ALL	669242.3	4344141	4.09E-06	30YrCancerDerived_InhSoilDermMMilk	4.09E-06
667	ALL	668862.3	4343661	4.08E-06	30YrCancerDerived_InhSoilDermMMilk	4.08E-06
611	ALL	668822.3	4343621	4.08E-06	30YrCancerDerived_InhSoilDermMMilk	4.08E-06
1199	ALL	668562.3	4344081	4.08E-06	30YrCancerDerived_InhSoilDermMMilk	4.08E-06
1603	ALL	669382.3	4344261	4.08E-06	30YrCancerDerived_InhSoilDermMMilk	4.08E-06
578	ALL	668802.3	4343601	4.07E-06	30YrCancerDerived_InhSoilDermMMilk	4.07E-06
695	ALL	668882.3	4343681	4.07E-06	30YrCancerDerived_InhSoilDermMMilk	4.07E-06
1535	ALL	668682.3	4344241	4.05E-06	30YrCancerDerived_InhSoilDermMMilk	4.05E-06
536	ALL	668782.3	4343581	4.05E-06	30YrCancerDerived_InhSoilDermMMilk	4.05E-06
1158	ALL	668542.3	4344061	4.05E-06	30YrCancerDerived_InhSoilDermMMilk	4.05E-06
1386	ALL	669282.3	4344161	4.04E-06	30YrCancerDerived_InhSoilDermMMilk	4.04E-06
494	ALL	668762.3	4343561	4.02E-06	30YrCancerDerived_InhSoilDermMMilk	4.02E-06
1117	ALL	668522.3	4344041	4.01E-06	30YrCancerDerived_InhSoilDermMMilk	4.01E-06
1363	ALL	668622.3	4344161	4.01E-06	30YrCancerDerived_InhSoilDermMMilk	4.01E-06
1221	ALL	669182.3	4344081	4.01E-06	30YrCancerDerived_InhSoilDermMMilk	4.01E-06
1491	ALL	668662.3	4344221	4.01E-06	30YrCancerDerived_InhSoilDermMMilk	4.01E-06
449	ALL	668742.3	4343541	4.00E-06	30YrCancerDerived_InhSoilDermMMilk	4.00E-06
1647	ALL	669402.3	4344281	3.99E-06	30YrCancerDerived_InhSoilDermMMilk	3.99E-06
1079	ALL	668502.3	4344021	3.99E-06	30YrCancerDerived_InhSoilDermMMilk	3.99E-06
1709	ALL	668742.3	4344321	3.99E-06	30YrCancerDerived_InhSoilDermMMilk	3.99E-06
404	ALL	668722.3	4343521	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06
1324	ALL	668602.3	4344141	3.97E-06	30YrCancerDerived_InhSoilDermMMilk	3.97E-06
1045	ALL	668482.3	4344001	3.97E-06	30YrCancerDerived_InhSoilDermMMilk	3.97E-06
1344	ALL	669262.3	4344141	3.96E-06	30YrCancerDerived_InhSoilDermMMilk	3.96E-06
932	ALL	669082.3	4343901	3.95E-06	30YrCancerDerived_InhSoilDermMMilk	3.95E-06
1061	ALL	669162.3	4344001	3.95E-06	30YrCancerDerived_InhSoilDermMMilk	3.95E-06
1664	ALL	668722.3	4344301	3.95E-06	30YrCancerDerived_InhSoilDermMMilk	3.95E-06
825	ALL	668982.3	4343801	3.95E-06	30YrCancerDerived_InhSoilDermMMilk	3.95E-06
360	ALL	668702.3	4343501	3.95E-06	30YrCancerDerived_InhSoilDermMMilk	3.95E-06
1018	ALL	668462.3	4343981	3.94E-06	30YrCancerDerived_InhSoilDermMMilk	3.94E-06
1283	ALL	668582.3	4344121	3.93E-06	30YrCancerDerived_InhSoilDermMMilk	3.93E-06
316	ALL	668682.3	4343481	3.93E-06	30YrCancerDerived_InhSoilDermMMilk	3.93E-06
1448	ALL	668642.3	4344201	3.92E-06	30YrCancerDerived_InhSoilDermMMilk	3.92E-06
990	ALL	668442.3	4343961	3.91E-06	30YrCancerDerived_InhSoilDermMMilk	3.91E-06
1518	ALL	669362.3	4344221	3.91E-06	30YrCancerDerived_InhSoilDermMMilk	3.91E-06
1304	ALL	669222.3	4344121	3.91E-06	30YrCancerDerived_InhSoilDermMMilk	3.91E-06
1620	ALL	668702.3	4344281	3.90E-06	30YrCancerDerived_InhSoilDermMMilk	3.90E-06
1474	ALL	669342.3	4344201	3.90E-06	30YrCancerDerived_InhSoilDermMMilk	3.90E-06
1241	ALL	668562.3	4344101	3.89E-06	30YrCancerDerived_InhSoilDermMMilk	3.89E-06
1692	ALL	669422.3	4344301	3.89E-06	30YrCancerDerived_InhSoilDermMMilk	3.89E-06
1179	ALL	669182.3	4344061	3.89E-06	30YrCancerDerived_InhSoilDermMMilk	3.89E-06
272	ALL	668662.3	4343461	3.89E-06	30YrCancerDerived_InhSoilDermMMilk	3.89E-06
1431	ALL	669322.3	4344181	3.88E-06	30YrCancerDerived_InhSoilDermMMilk	3.88E-06
1561	ALL	669382.3	4344241	3.87E-06	30YrCancerDerived_InhSoilDermMMilk	3.87E-06
58	ALL	668542.3	4343361	3.87E-06	30YrCancerDerived_InhSoilDermMMilk	3.87E-06
1577	ALL	668682.3	4344261	3.86E-06	30YrCancerDerived_InhSoilDermMMilk	3.86E-06
1198	ALL	668542.3	4344081	3.86E-06	30YrCancerDerived_InhSoilDermMMilk	3.86E-06
612	ALL	668842.3	4343621	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
804	ALL	668982.3	4343781	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
579	ALL	668822.3	4343601	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
645	ALL	668862.3	4343641	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
230	ALL	668642.3	4343441	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
1387	ALL	669302.3	4344161	3.84E-06	30YrCancerDerived_InhSoilDermMMilk	3.84E-06
537	ALL	668802.3	4343581	3.84E-06	30YrCancerDerived_InhSoilDermMMilk	3.84E-06
1263	ALL	669202.3	4344101	3.84E-06	30YrCancerDerived_InhSoilDermMMilk	3.84E-06
1157	ALL	668522.3	4344061	3.84E-06	30YrCancerDerived_InhSoilDermMMilk	3.84E-06
668	ALL	668882.3	4343661	3.84E-06	30YrCancerDerived_InhSoilDermMMilk	3.84E-06
1404	ALL	668622.3	4344181	3.83E-06	30YrCancerDerived_InhSoilDermMMilk	3.83E-06
1534	ALL	668662.3	4344241	3.82E-06	30YrCancerDerived_InhSoilDermMMilk	3.82E-06
1116	ALL	668502.3	4344041	3.81E-06	30YrCancerDerived_InhSoilDermMMilk	3.81E-06
495	ALL	668782.3	4343561	3.81E-06	30YrCancerDerived_InhSoilDermMMilk	3.81E-06
1078	ALL	668482.3	4344021	3.81E-06	30YrCancerDerived_InhSoilDermMMilk	3.81E-06
1139	ALL	669182.3	4344041	3.81E-06	30YrCancerDerived_InhSoilDermMMilk	3.81E-06
1362	ALL	668602.3	4344161	3.80E-06	30YrCancerDerived_InhSoilDermMMilk	3.80E-06
1604	ALL	669402.3	4344261	3.80E-06	30YrCancerDerived_InhSoilDermMMilk	3.80E-06
1738	ALL	669442.3	4344321	3.78E-06	30YrCancerDerived_InhSoilDermMMilk	3.78E-06
1044	ALL	668462.3	4344001	3.78E-06	30YrCancerDerived_InhSoilDermMMilk	3.78E-06
450	ALL	668762.3	4343541	3.77E-06	30YrCancerDerived_InhSoilDermMMilk	3.77E-06
1099	ALL	669182.3	4344021	3.77E-06	30YrCancerDerived_InhSoilDermMMilk	3.77E-06
1345	ALL	669282.3	4344141	3.77E-06	30YrCancerDerived_InhSoilDermMMilk	3.77E-06
1708	ALL	668722.3	4344321	3.77E-06	30YrCancerDerived_InhSoilDermMMilk	3.77E-06
1490	ALL	668642.3	4344221	3.76E-06	30YrCancerDerived_InhSoilDermMMilk	3.76E-06
1323	ALL	668582.3	4344141	3.76E-06	30YrCancerDerived_InhSoilDermMMilk	3.76E-06
405	ALL	668742.3	4343521	3.76E-06	30YrCancerDerived_InhSoilDermMMilk	3.76E-06
1017	ALL	668442.3	4343981	3.74E-06	30YrCancerDerived_InhSoilDermMMilk	3.74E-06
1663	ALL	668702.3	4344301	3.73E-06	30YrCancerDerived_InhSoilDermMMilk	3.73E-06

361	ALL	668722.3	4343501	3.73E-06	30YrCancerDerived_InhSoilDermMMilk	3.73E-06
1305	ALL	669242.3	4344121	3.72E-06	30YrCancerDerived_InhSoilDermMMilk	3.72E-06
1282	ALL	668562.3	4344121	3.72E-06	30YrCancerDerived_InhSoilDermMMilk	3.72E-06
317	ALL	668702.3	4343481	3.71E-06	30YrCancerDerived_InhSoilDermMMilk	3.71E-06
1648	ALL	669422.3	4344281	3.71E-06	30YrCancerDerived_InhSoilDermMMilk	3.71E-06
1519	ALL	669382.3	4344221	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06
1240	ALL	668542.3	4344101	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06
1475	ALL	669362.3	4344201	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06
1619	ALL	668682.3	4344281	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06
273	ALL	668682.3	4343461	3.68E-06	30YrCancerDerived_InhSoilDermMMilk	3.68E-06
1447	ALL	668622.3	4344201	3.68E-06	30YrCancerDerived_InhSoilDermMMilk	3.68E-06
1432	ALL	669342.3	4344181	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06
1197	ALL	668522.3	4344081	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06
1062	ALL	669182.3	4344001	3.66E-06	30YrCancerDerived_InhSoilDermMMilk	3.66E-06
1576	ALL	668662.3	4344261	3.65E-06	30YrCancerDerived_InhSoilDermMMilk	3.65E-06
1156	ALL	668502.3	4344061	3.65E-06	30YrCancerDerived_InhSoilDermMMilk	3.65E-06
580	ALL	668842.3	4343601	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06
1306	ALL	669262.3	4344121	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06
538	ALL	668822.3	4343581	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06
613	ALL	668862.3	4343621	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06
1115	ALL	668482.3	4344041	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
1403	ALL	668602.3	4344181	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
1222	ALL	669202.3	4344081	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
231	ALL	668662.3	4343441	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
1388	ALL	669322.3	4344161	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
496	ALL	668802.3	4343561	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
59	ALL	668562.3	4343361	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
646	ALL	668882.3	4343641	3.62E-06	30YrCancerDerived_InhSoilDermMMilk	3.62E-06
1562	ALL	669402.3	4344241	3.62E-06	30YrCancerDerived_InhSoilDermMMilk	3.62E-06
1077	ALL	668462.3	4344021	3.62E-06	30YrCancerDerived_InhSoilDermMMilk	3.62E-06
669	ALL	668902.3	4343661	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06
1693	ALL	669442.3	4344301	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06
1533	ALL	668642.3	4344241	3.60E-06	30YrCancerDerived_InhSoilDermMMilk	3.60E-06
1361	ALL	668582.3	4344161	3.60E-06	30YrCancerDerived_InhSoilDermMMilk	3.60E-06
1043	ALL	668442.3	4344001	3.59E-06	30YrCancerDerived_InhSoilDermMMilk	3.59E-06
189	ALL	668642.3	4343421	3.59E-06	30YrCancerDerived_InhSoilDermMMilk	3.59E-06
1264	ALL	669222.3	4344101	3.58E-06	30YrCancerDerived_InhSoilDermMMilk	3.58E-06
451	ALL	668782.3	4343541	3.58E-06	30YrCancerDerived_InhSoilDermMMilk	3.58E-06
1346	ALL	669302.3	4344141	3.57E-06	30YrCancerDerived_InhSoilDermMMilk	3.57E-06
1707	ALL	668702.3	4344321	3.57E-06	30YrCancerDerived_InhSoilDermMMilk	3.57E-06
1322	ALL	668562.3	4344141	3.57E-06	30YrCancerDerived_InhSoilDermMMilk	3.57E-06
805	ALL	669002.3	4343781	3.56E-06	30YrCancerDerived_InhSoilDermMMilk	3.56E-06
406	ALL	668762.3	4343521	3.55E-06	30YrCancerDerived_InhSoilDermMMilk	3.55E-06
1489	ALL	668622.3	4344221	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
1605	ALL	669422.3	4344261	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
1281	ALL	668542.3	4344121	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
362	ALL	668742.3	4343501	3.53E-06	30YrCancerDerived_InhSoilDermMMilk	3.53E-06
1662	ALL	668682.3	4344301	3.53E-06	30YrCancerDerived_InhSoilDermMMilk	3.53E-06
1180	ALL	669202.3	4344061	3.53E-06	30YrCancerDerived_InhSoilDermMMilk	3.53E-06
1029	ALL	669182.3	4343981	3.52E-06	30YrCancerDerived_InhSoilDermMMilk	3.52E-06
769	ALL	668982.3	4343741	3.52E-06	30YrCancerDerived_InhSoilDermMMilk	3.52E-06
318	ALL	668722.3	4343481	3.52E-06	30YrCancerDerived_InhSoilDermMMilk	3.52E-06
1239	ALL	668522.3	4344101	3.51E-06	30YrCancerDerived_InhSoilDermMMilk	3.51E-06
274	ALL	668702.3	4343461	3.49E-06	30YrCancerDerived_InhSoilDermMMilk	3.49E-06
1618	ALL	668662.3	4344281	3.49E-06	30YrCancerDerived_InhSoilDermMMilk	3.49E-06
1196	ALL	668502.3	4344081	3.49E-06	30YrCancerDerived_InhSoilDermMMilk	3.49E-06
1476	ALL	669382.3	4344201	3.49E-06	30YrCancerDerived_InhSoilDermMMilk	3.49E-06
1433	ALL	669362.3	4344181	3.48E-06	30YrCancerDerived_InhSoilDermMMilk	3.48E-06
1307	ALL	669282.3	4344121	3.48E-06	30YrCancerDerived_InhSoilDermMMilk	3.48E-06
1446	ALL	668602.3	4344201	3.48E-06	30YrCancerDerived_InhSoilDermMMilk	3.48E-06
1155	ALL	668482.3	4344061	3.47E-06	30YrCancerDerived_InhSoilDermMMilk	3.47E-06
1140	ALL	669202.3	4344041	3.47E-06	30YrCancerDerived_InhSoilDermMMilk	3.47E-06
1649	ALL	669442.3	4344281	3.46E-06	30YrCancerDerived_InhSoilDermMMilk	3.46E-06
1114	ALL	668462.3	4344041	3.46E-06	30YrCancerDerived_InhSoilDermMMilk	3.46E-06
232	ALL	668682.3	4343441	3.46E-06	30YrCancerDerived_InhSoilDermMMilk	3.46E-06
1520	ALL	669402.3	4344221	3.45E-06	30YrCancerDerived_InhSoilDermMMilk	3.45E-06
1575	ALL	668642.3	4344261	3.45E-06	30YrCancerDerived_InhSoilDermMMilk	3.45E-06
1402	ALL	668582.3	4344181	3.45E-06	30YrCancerDerived_InhSoilDermMMilk	3.45E-06
1389	ALL	669342.3	4344161	3.45E-06	30YrCancerDerived_InhSoilDermMMilk	3.45E-06
497	ALL	668822.3	4343561	3.44E-06	30YrCancerDerived_InhSoilDermMMilk	3.44E-06
539	ALL	668842.3	4343581	3.44E-06	30YrCancerDerived_InhSoilDermMMilk	3.44E-06
1076	ALL	668442.3	4344021	3.44E-06	30YrCancerDerived_InhSoilDermMMilk	3.44E-06
1100	ALL	669202.3	4344021	3.44E-06	30YrCancerDerived_InhSoilDermMMilk	3.44E-06
614	ALL	668882.3	4343621	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
581	ALL	668862.3	4343601	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
1360	ALL	668562.3	4344161	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
647	ALL	668902.3	4343641	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
452	ALL	668802.3	4343541	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
60	ALL	668582.3	4343361	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
1265	ALL	669242.3	4344101	3.41E-06	30YrCancerDerived_InhSoilDermMMilk	3.41E-06
1532	ALL	668622.3	4344241	3.41E-06	30YrCancerDerived_InhSoilDermMMilk	3.41E-06
190	ALL	668662.3	4343421	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
670	ALL	668922.3	4343661	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06

1321	ALL	668542.3	4344141	3.39E-06	30YrCancerDerived_InhSoilDermMMilk	3.39E-06
1347	ALL	669322.3	4344141	3.39E-06	30YrCancerDerived_InhSoilDermMMilk	3.39E-06
1563	ALL	669422.3	4344241	3.38E-06	30YrCancerDerived_InhSoilDermMMilk	3.38E-06
1706	ALL	668682.3	4344321	3.38E-06	30YrCancerDerived_InhSoilDermMMilk	3.38E-06
1003	ALL	669182.3	4343961	3.38E-06	30YrCancerDerived_InhSoilDermMMilk	3.38E-06
407	ALL	668782.3	4343521	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
1280	ALL	668522.3	4344121	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
1223	ALL	669222.3	4344081	3.36E-06	30YrCancerDerived_InhSoilDermMMilk	3.36E-06
883	ALL	669082.7	4343856	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
726	ALL	668962.3	4343701	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
148	ALL	668642.3	4343401	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
363	ALL	668762.3	4343501	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
1488	ALL	668602.3	4344221	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
748	ALL	668982.3	4343721	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
1063	ALL	669202.3	4344001	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
1661	ALL	668662.3	4344301	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
1238	ALL	668502.3	4344101	3.34E-06	30YrCancerDerived_InhSoilDermMMilk	3.34E-06
1195	ALL	668482.3	4344081	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
319	ALL	668742.3	4343481	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
770	ALL	669002.3	4343741	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
1266	ALL	669262.3	4344101	3.32E-06	30YrCancerDerived_InhSoilDermMMilk	3.32E-06
275	ALL	668722.3	4343461	3.32E-06	30YrCancerDerived_InhSoilDermMMilk	3.32E-06
1606	ALL	669442.3	4344261	3.31E-06	30YrCancerDerived_InhSoilDermMMilk	3.31E-06
1154	ALL	668462.3	4344061	3.31E-06	30YrCancerDerived_InhSoilDermMMilk	3.31E-06
1617	ALL	668642.3	4344281	3.31E-06	30YrCancerDerived_InhSoilDermMMilk	3.31E-06
1445	ALL	668582.3	4344201	3.31E-06	30YrCancerDerived_InhSoilDermMMilk	3.31E-06
1308	ALL	669302.3	4344121	3.31E-06	30YrCancerDerived_InhSoilDermMMilk	3.31E-06
1113	ALL	668442.3	4344041	3.30E-06	30YrCancerDerived_InhSoilDermMMilk	3.30E-06
1434	ALL	669382.3	4344181	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
106	ALL	668622.3	4343381	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
233	ALL	668702.3	4343441	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
806	ALL	669022.3	4343781	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
1401	ALL	668562.3	4344181	3.28E-06	30YrCancerDerived_InhSoilDermMMilk	3.28E-06
1390	ALL	669362.3	4344161	3.27E-06	30YrCancerDerived_InhSoilDermMMilk	3.27E-06
1574	ALL	668622.3	4344261	3.27E-06	30YrCancerDerived_InhSoilDermMMilk	3.27E-06
1477	ALL	669402.3	4344201	3.27E-06	30YrCancerDerived_InhSoilDermMMilk	3.27E-06
1181	ALL	669222.3	4344061	3.27E-06	30YrCancerDerived_InhSoilDermMMilk	3.27E-06
453	ALL	668822.3	4343541	3.26E-06	30YrCancerDerived_InhSoilDermMMilk	3.26E-06
1359	ALL	668542.3	4344161	3.26E-06	30YrCancerDerived_InhSoilDermMMilk	3.26E-06
498	ALL	668842.3	4343561	3.26E-06	30YrCancerDerived_InhSoilDermMMilk	3.26E-06
1030	ALL	669202.3	4343981	3.25E-06	30YrCancerDerived_InhSoilDermMMilk	3.25E-06
191	ALL	668682.3	4343421	3.24E-06	30YrCancerDerived_InhSoilDermMMilk	3.24E-06
1521	ALL	669422.3	4344221	3.24E-06	30YrCancerDerived_InhSoilDermMMilk	3.24E-06
1320	ALL	668522.3	4344141	3.24E-06	30YrCancerDerived_InhSoilDermMMilk	3.24E-06
61	ALL	668602.3	4343361	3.23E-06	30YrCancerDerived_InhSoilDermMMilk	3.23E-06
615	ALL	668902.3	4343621	3.23E-06	30YrCancerDerived_InhSoilDermMMilk	3.23E-06
1531	ALL	668602.3	4344241	3.23E-06	30YrCancerDerived_InhSoilDermMMilk	3.23E-06
408	ALL	668802.3	4343521	3.23E-06	30YrCancerDerived_InhSoilDermMMilk	3.23E-06
540	ALL	668862.3	4343581	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-06
648	ALL	668922.3	4343641	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-06
582	ALL	668882.3	4343601	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-06
1141	ALL	669222.3	4344041	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-06
1279	ALL	668502.3	4344121	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-06
1705	ALL	668662.3	4344321	3.21E-06	30YrCancerDerived_InhSoilDermMMilk	3.21E-06
1237	ALL	668482.3	4344101	3.20E-06	30YrCancerDerived_InhSoilDermMMilk	3.20E-06
696	ALL	668962.3	4343681	3.19E-06	30YrCancerDerived_InhSoilDermMMilk	3.19E-06
1267	ALL	669282.3	4344101	3.19E-06	30YrCancerDerived_InhSoilDermMMilk	3.19E-06
149	ALL	668662.3	4343401	3.19E-06	30YrCancerDerived_InhSoilDermMMilk	3.19E-06
727	ALL	668982.3	4343701	3.19E-06	30YrCancerDerived_InhSoilDermMMilk	3.19E-06
1348	ALL	669342.3	4344141	3.19E-06	30YrCancerDerived_InhSoilDermMMilk	3.19E-06
364	ALL	668782.3	4343501	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
749	ALL	669002.3	4343721	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
1194	ALL	668462.3	4344081	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
1487	ALL	668582.3	4344221	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
1660	ALL	668642.3	4344301	3.17E-06	30YrCancerDerived_InhSoilDermMMilk	3.17E-06
1224	ALL	669242.3	4344081	3.17E-06	30YrCancerDerived_InhSoilDermMMilk	3.17E-06
1101	ALL	669222.3	4344021	3.17E-06	30YrCancerDerived_InhSoilDermMMilk	3.17E-06
1564	ALL	669442.3	4344241	3.17E-06	30YrCancerDerived_InhSoilDermMMilk	3.17E-06
1153	ALL	668442.3	4344061	3.16E-06	30YrCancerDerived_InhSoilDermMMilk	3.16E-06
320	ALL	668762.3	4343481	3.16E-06	30YrCancerDerived_InhSoilDermMMilk	3.16E-06
1444	ALL	668562.3	4344201	3.15E-06	30YrCancerDerived_InhSoilDermMMilk	3.15E-06
1616	ALL	668622.3	4344281	3.14E-06	30YrCancerDerived_InhSoilDermMMilk	3.14E-06
276	ALL	668742.3	4343461	3.14E-06	30YrCancerDerived_InhSoilDermMMilk	3.14E-06
1004	ALL	669202.3	4343961	3.14E-06	30YrCancerDerived_InhSoilDermMMilk	3.14E-06
1309	ALL	669322.3	4344121	3.14E-06	30YrCancerDerived_InhSoilDermMMilk	3.14E-06
107	ALL	668642.3	4343381	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
234	ALL	668722.3	4343441	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
1400	ALL	668542.3	4344181	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
1391	ALL	669382.3	4344161	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-06
1573	ALL	668602.3	4344261	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-06
1358	ALL	668522.3	4344161	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-06
1435	ALL	669402.3	4344181	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
1064	ALL	669222.3	4344001	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06

454	ALL	668842.3	4343541	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
192	ALL	668702.3	4343421	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
1319	ALL	668502.3	4344141	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
409	ALL	668822.3	4343521	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
1478	ALL	669422.3	4344201	3.08E-06	30YrCancerDerived_InhSoilDermMMilk	3.08E-06
1278	ALL	668482.3	4344121	3.08E-06	30YrCancerDerived_InhSoilDermMMilk	3.08E-06
1530	ALL	668582.3	4344241	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
1225	ALL	669262.3	4344081	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
62	ALL	668622.3	4343361	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
1182	ALL	669242.3	4344061	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-06
1236	ALL	668462.3	4344101	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-06
616	ALL	668922.3	4343621	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-06
499	ALL	668862.3	4343561	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
1704	ALL	668642.3	4344321	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
365	ALL	668802.3	4343501	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
583	ALL	668902.3	4343601	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
1268	ALL	669302.3	4344101	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
150	ALL	668682.3	4343401	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
1193	ALL	668442.3	4344081	3.04E-06	30YrCancerDerived_InhSoilDermMMilk	3.04E-06
697	ALL	668982.3	4343681	3.04E-06	30YrCancerDerived_InhSoilDermMMilk	3.04E-06
1522	ALL	669442.3	4344221	3.04E-06	30YrCancerDerived_InhSoilDermMMilk	3.04E-06
541	ALL	668882.3	4343581	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
1486	ALL	668562.3	4344221	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
1349	ALL	669362.3	4344141	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
1659	ALL	668622.3	4344301	3.02E-06	30YrCancerDerived_InhSoilDermMMilk	3.02E-06
1031	ALL	669222.3	4343981	3.02E-06	30YrCancerDerived_InhSoilDermMMilk	3.02E-06
321	ALL	668782.3	4343481	3.01E-06	30YrCancerDerived_InhSoilDermMMilk	3.01E-06
1443	ALL	668542.3	4344201	3.01E-06	30YrCancerDerived_InhSoilDermMMilk	3.01E-06
1142	ALL	669242.3	4344041	3.00E-06	30YrCancerDerived_InhSoilDermMMilk	3.00E-06
108	ALL	668662.3	4343381	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06
1615	ALL	668602.3	4344281	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06
1399	ALL	668522.3	4344181	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06
771	ALL	669042.3	4343741	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06
277	ALL	668762.3	4343461	2.98E-06	30YrCancerDerived_InhSoilDermMMilk	2.98E-06
1357	ALL	668502.3	4344161	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06
235	ALL	668742.3	4343441	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06
1318	ALL	668482.3	4344141	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
1226	ALL	669282.3	4344081	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
1572	ALL	668582.3	4344261	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
193	ALL	668722.3	4343421	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
1392	ALL	669402.3	4344161	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06
1102	ALL	669242.3	4344021	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06
410	ALL	668842.3	4343521	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06
1277	ALL	668462.3	4344121	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06
1310	ALL	669342.3	4344121	2.94E-06	30YrCancerDerived_InhSoilDermMMilk	2.94E-06
826	ALL	669062.3	4343801	2.94E-06	30YrCancerDerived_InhSoilDermMMilk	2.94E-06
1436	ALL	669422.3	4344181	2.94E-06	30YrCancerDerived_InhSoilDermMMilk	2.94E-06
455	ALL	668862.3	4343541	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
907	ALL	669182.3	4343881	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
1235	ALL	668442.3	4344101	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
1529	ALL	668562.3	4344241	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
366	ALL	668822.3	4343501	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
807	ALL	669062.3	4343781	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
63	ALL	668642.3	4343361	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
1005	ALL	669222.3	4343961	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
151	ALL	668702.3	4343401	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
1183	ALL	669262.3	4344061	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
1350	ALL	669382.3	4344141	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
1479	ALL	669442.3	4344201	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
617	ALL	668942.3	4343621	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
1703	ALL	668622.3	4344321	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
584	ALL	668922.3	4343601	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
698	ALL	669002.3	4343681	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
1269	ALL	669322.3	4344101	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
1485	ALL	668542.3	4344221	2.89E-06	30YrCancerDerived_InhSoilDermMMilk	2.89E-06
542	ALL	668902.3	4343581	2.89E-06	30YrCancerDerived_InhSoilDermMMilk	2.89E-06
1065	ALL	669242.3	4344001	2.89E-06	30YrCancerDerived_InhSoilDermMMilk	2.89E-06
322	ALL	668802.3	4343481	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
750	ALL	669042.3	4343721	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
500	ALL	668882.3	4343561	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
1658	ALL	668602.3	4344301	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
1442	ALL	668522.3	4344201	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
1398	ALL	668502.3	4344181	2.86E-06	30YrCancerDerived_InhSoilDermMMilk	2.86E-06
109	ALL	668682.3	4343381	2.86E-06	30YrCancerDerived_InhSoilDermMMilk	2.86E-06
1227	ALL	669302.3	4344081	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
1356	ALL	668482.3	4344161	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
1614	ALL	668582.3	4344281	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
278	ALL	668782.3	4343461	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
772	ALL	669062.3	4343741	2.84E-06	30YrCancerDerived_InhSoilDermMMilk	2.84E-06
1317	ALL	668462.3	4344141	2.84E-06	30YrCancerDerived_InhSoilDermMMilk	2.84E-06
236	ALL	668762.3	4343441	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
1184	ALL	669282.3	4344061	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
1571	ALL	668562.3	4344261	2.82E-06	30YrCancerDerived_InhSoilDermMMilk	2.82E-06

1276	ALL	668442.3	4344121	2.82E-06	30YrCancerDerived_InhSoilDermMMilk	2.82E-06
411	ALL	668862.3	4343521	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
194	ALL	668742.3	4343421	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
1032	ALL	669242.3	4343981	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
1393	ALL	669422.3	4344161	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
1143	ALL	669262.3	4344041	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
1311	ALL	669362.3	4344121	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
367	ALL	668842.3	4343501	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
1528	ALL	668542.3	4344241	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
1351	ALL	669402.3	4344141	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
1437	ALL	669442.3	4344181	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
618	ALL	668962.3	4343621	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
152	ALL	668722.3	4343401	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
64	ALL	668662.3	4343361	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
456	ALL	668882.3	4343541	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
585	ALL	668942.3	4343601	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
908	ALL	669202.3	4343881	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
699	ALL	669022.3	4343681	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
323	ALL	668822.3	4343481	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
1103	ALL	669262.3	4344021	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
1702	ALL	668602.3	4344321	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
543	ALL	668922.3	4343581	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
1484	ALL	668522.3	4344221	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
728	ALL	669042.3	4343701	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
751	ALL	669062.3	4343721	2.76E-06	30YrCancerDerived_InhSoilDermMMilk	2.76E-06
1441	ALL	668502.3	4344201	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
501	ALL	668902.3	4343561	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
1185	ALL	669302.3	4344061	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
1657	ALL	668582.3	4344301	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
1397	ALL	668482.3	4344181	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06
1228	ALL	669322.3	4344081	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06
1312	ALL	669382.3	4344121	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06
1144	ALL	669282.3	4344041	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06
1355	ALL	668462.3	4344161	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06
279	ALL	668802.3	4343461	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06
110	ALL	668702.3	4343381	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06
1270	ALL	669342.3	4344101	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06
1613	ALL	668562.3	4344281	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06
1316	ALL	668442.3	4344141	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06
1006	ALL	669242.3	4343961	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06
773	ALL	669082.3	4343741	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06
1066	ALL	669262.3	4344001	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
237	ALL	668782.3	4343441	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
1570	ALL	668542.3	4344261	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
884	ALL	669202.3	4343861	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
368	ALL	668862.3	4343501	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
412	ALL	668882.3	4343521	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
195	ALL	668762.3	4343421	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
1145	ALL	669302.3	4344041	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
619	ALL	668982.3	4343621	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
1186	ALL	669322.3	4344061	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
586	ALL	668962.3	4343601	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
1394	ALL	669442.3	4344161	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
1527	ALL	668522.3	4344241	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
1352	ALL	669422.3	4344141	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
544	ALL	668942.3	4343581	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
324	ALL	668842.3	4343481	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
65	ALL	668682.3	4343361	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
457	ALL	668902.3	4343541	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
153	ALL	668742.3	4343401	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
1104	ALL	669282.3	4344021	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
1483	ALL	668502.3	4344221	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
502	ALL	668922.3	4343561	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
729	ALL	669062.3	4343701	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
1313	ALL	669402.3	4344121	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
1701	ALL	668582.3	4344321	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
1440	ALL	668482.3	4344201	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
979	ALL	669242.3	4343941	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
752	ALL	669082.3	4343721	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
1396	ALL	668462.3	4344181	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
1229	ALL	669342.3	4344081	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
1271	ALL	669362.3	4344101	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
280	ALL	668822.3	4343461	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
1656	ALL	668562.3	4344301	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
1354	ALL	668442.3	4344161	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
111	ALL	668722.3	4343381	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
1033	ALL	669262.3	4343981	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
827	ALL	669162.3	4343801	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
1146	ALL	669322.3	4344041	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06
1612	ALL	668542.3	4344281	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06
1187	ALL	669342.3	4344061	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
1272	ALL	669382.3	4344101	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
238	ALL	668802.3	4343441	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06

1569	ALL	668522.3	4344261	2.58E-06	30YrCancerDerived_InhSoilDermMMilk	2.58E-06
587	ALL	668982.3	4343601	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
369	ALL	668882.3	4343501	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
545	ALL	668962.3	4343581	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
620	ALL	669002.3	4343621	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
196	ALL	668782.3	4343421	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
413	ALL	668902.3	4343521	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
1526	ALL	668502.3	4344241	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
1067	ALL	669282.3	4344001	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
1105	ALL	669302.3	4344021	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
503	ALL	668942.3	4343561	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
458	ALL	668922.3	4343541	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
1147	ALL	669342.3	4344041	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
1230	ALL	669362.3	4344081	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
325	ALL	668862.3	4343481	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
66	ALL	668702.3	4343361	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
1353	ALL	669442.3	4344141	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
1314	ALL	669422.3	4344121	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
1482	ALL	668482.3	4344221	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
700	ALL	669062.3	4343681	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
1439	ALL	668462.3	4344201	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
730	ALL	669082.3	4343701	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
154	ALL	668762.3	4343401	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
1007	ALL	669262.3	4343961	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
1188	ALL	669362.3	4344061	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
885	ALL	669222.3	4343861	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
1395	ALL	668442.3	4344181	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
1700	ALL	668562.3	4344321	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
281	ALL	668842.3	4343461	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
828	ALL	669182.3	4343801	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
1273	ALL	669402.3	4344101	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
1655	ALL	668542.3	4344301	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
1231	ALL	669382.3	4344081	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
792	ALL	669142.3	4343761	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
112	ALL	668742.3	4343381	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
239	ALL	668822.3	4343441	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
1148	ALL	669362.3	4344041	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
1611	ALL	668522.3	4344281	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
1106	ALL	669322.3	4344021	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-06
1568	ALL	668502.3	4344261	2.48E-06	30YrCancerDerived_InhSoilDermMMilk	2.48E-06
1189	ALL	669382.3	4344061	2.48E-06	30YrCancerDerived_InhSoilDermMMilk	2.48E-06
546	ALL	668982.3	4343581	2.48E-06	30YrCancerDerived_InhSoilDermMMilk	2.48E-06
504	ALL	668962.3	4343561	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
588	ALL	669002.3	4343601	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
67	ALL	668722.3	4343361	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
1034	ALL	669282.3	4343981	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
459	ALL	668942.3	4343541	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
197	ALL	668802.3	4343421	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
414	ALL	668922.3	4343521	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
621	ALL	669022.3	4343621	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
370	ALL	668902.3	4343501	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
1525	ALL	668482.3	4344241	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-06
980	ALL	669262.3	4343941	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-06
326	ALL	668882.3	4343481	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-06
1315	ALL	669442.3	4344121	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-06
1481	ALL	668462.3	4344221	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
863	ALL	669222.3	4343841	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
1274	ALL	669422.3	4344101	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
1232	ALL	669402.3	4344081	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
1438	ALL	668442.3	4344201	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
1068	ALL	669302.3	4344001	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
701	ALL	669082.3	4343681	2.44E-06	30YrCancerDerived_InhSoilDermMMilk	2.44E-06
155	ALL	668782.3	4343401	2.44E-06	30YrCancerDerived_InhSoilDermMMilk	2.44E-06
282	ALL	668862.3	4343461	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
1149	ALL	669382.3	4344041	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
1107	ALL	669342.3	4344021	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
1699	ALL	668542.3	4344321	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
1654	ALL	668522.3	4344301	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
1190	ALL	669402.3	4344061	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
113	ALL	668762.3	4343381	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
240	ALL	668842.3	4343441	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
1610	ALL	668502.3	4344281	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
956	ALL	669262.3	4343921	2.39E-06	30YrCancerDerived_InhSoilDermMMilk	2.39E-06
1567	ALL	668482.3	4344261	2.39E-06	30YrCancerDerived_InhSoilDermMMilk	2.39E-06
547	ALL	669002.3	4343581	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
505	ALL	668982.3	4343561	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
1008	ALL	669282.3	4343961	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
589	ALL	669022.3	4343601	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
460	ALL	668962.3	4343541	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
1233	ALL	669422.3	4344081	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
68	ALL	668742.3	4343361	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
198	ALL	668822.3	4343421	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
415	ALL	668942.3	4343521	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06

1108	ALL	669362.3	4344021	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
1275	ALL	669442.3	4344101	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
1524	ALL	668462.3	4344241	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
622	ALL	669042.3	4343621	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
371	ALL	668922.3	4343501	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
1480	ALL	668442.3	4344221	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
327	ALL	668902.3	4343481	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
1150	ALL	669402.3	4344041	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
1069	ALL	669322.3	4344001	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
156	ALL	668802.3	4343401	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
283	ALL	668882.3	4343461	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
774	ALL	669162.3	4343741	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
1035	ALL	669302.3	4343981	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
1698	ALL	668522.3	4344321	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
808	ALL	669202.3	4343781	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
1191	ALL	669422.3	4344061	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
1653	ALL	668502.3	4344301	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
1109	ALL	669382.3	4344021	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
241	ALL	668862.3	4343441	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
114	ALL	668782.3	4343381	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-06
1609	ALL	668482.3	4344281	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-06
981	ALL	669282.3	4343941	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-06
1234	ALL	669442.3	4344081	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
1566	ALL	668462.3	4344261	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
548	ALL	669022.3	4343581	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
506	ALL	669002.3	4343561	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
590	ALL	669042.3	4343601	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
199	ALL	668842.3	4343421	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
461	ALL	668982.3	4343541	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
1070	ALL	669342.3	4344001	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
1523	ALL	668442.3	4344241	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
69	ALL	668762.3	4343361	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
416	ALL	668962.3	4343521	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
623	ALL	669062.3	4343621	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
372	ALL	668942.3	4343501	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
328	ALL	668922.3	4343481	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
1151	ALL	669422.3	4344041	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
157	ALL	668822.3	4343401	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
1110	ALL	669402.3	4344021	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
753	ALL	669162.3	4343721	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
284	ALL	668902.3	4343461	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
702	ALL	669122.3	4343681	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
1009	ALL	669302.3	4343961	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
775	ALL	669182.3	4343741	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
957	ALL	669282.3	4343921	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-06
1697	ALL	668502.3	4344321	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-06
1071	ALL	669362.3	4344001	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
1652	ALL	668482.3	4344301	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
242	ALL	668882.3	4343441	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
809	ALL	669222.3	4343781	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
1192	ALL	669442.3	4344061	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
115	ALL	668802.3	4343381	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
1608	ALL	668462.3	4344281	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
1036	ALL	669322.3	4343981	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
1565	ALL	668442.3	4344261	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
933	ALL	669282.3	4343901	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
200	ALL	668862.3	4343421	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
549	ALL	669042.3	4343581	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
507	ALL	669022.3	4343561	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
591	ALL	669062.3	4343601	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
462	ALL	669002.3	4343541	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
70	ALL	668782.3	4343361	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
624	ALL	669082.3	4343621	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
417	ALL	668982.3	4343521	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
373	ALL	668962.3	4343501	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-06
1072	ALL	669382.3	4344001	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-06
329	ALL	668942.3	4343481	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
982	ALL	669302.3	4343941	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
158	ALL	668842.3	4343401	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
1111	ALL	669422.3	4344021	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
703	ALL	669142.3	4343681	2.17E-06	30YrCancerDerived_InhSoilDermMMilk	2.17E-06
285	ALL	668922.3	4343461	2.17E-06	30YrCancerDerived_InhSoilDermMMilk	2.17E-06
1152	ALL	669442.3	4344041	2.17E-06	30YrCancerDerived_InhSoilDermMMilk	2.17E-06
1010	ALL	669322.3	4343961	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
1696	ALL	668482.3	4344321	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
243	ALL	668902.3	4343441	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
1037	ALL	669342.3	4343981	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
1651	ALL	668462.3	4344301	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
116	ALL	668822.3	4343381	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
1607	ALL	668442.3	4344281	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
1073	ALL	669402.3	4344001	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
201	ALL	668882.3	4343421	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
550	ALL	669062.3	4343581	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06

508	ALL	669042.3	4343561	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
592	ALL	669082.3	4343601	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
463	ALL	669022.3	4343541	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
958	ALL	669302.3	4343921	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
71	ALL	668802.3	4343361	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
625	ALL	669102.3	4343621	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
418	ALL	669002.3	4343521	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
159	ALL	668862.3	4343401	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
374	ALL	668982.3	4343501	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
1038	ALL	669362.3	4343981	2.10E-06	30YrCancerDerived_InhSoilDermMMilk	2.10E-06
671	ALL	669142.3	4343661	2.10E-06	30YrCancerDerived_InhSoilDermMMilk	2.10E-06
704	ALL	669162.3	4343681	2.10E-06	30YrCancerDerived_InhSoilDermMMilk	2.10E-06
330	ALL	668962.3	4343481	2.10E-06	30YrCancerDerived_InhSoilDermMMilk	2.10E-06
286	ALL	668942.3	4343461	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
983	ALL	669322.3	4343941	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
1112	ALL	669442.3	4344021	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
934	ALL	669302.3	4343901	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
1011	ALL	669342.3	4343961	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
1695	ALL	668462.3	4344321	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
244	ALL	668922.3	4343441	2.08E-06	30YrCancerDerived_InhSoilDermMMilk	2.08E-06
117	ALL	668842.3	4343381	2.08E-06	30YrCancerDerived_InhSoilDermMMilk	2.08E-06
1650	ALL	668442.3	4344301	2.08E-06	30YrCancerDerived_InhSoilDermMMilk	2.08E-06
1074	ALL	669422.3	4344001	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
909	ALL	669302.3	4343881	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
202	ALL	668902.3	4343421	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
1039	ALL	669382.3	4343981	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
551	ALL	669082.3	4343581	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
593	ALL	669102.3	4343601	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
509	ALL	669062.3	4343561	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
464	ALL	669042.3	4343541	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
626	ALL	669122.3	4343621	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
72	ALL	668822.3	4343361	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
419	ALL	669022.3	4343521	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
649	ALL	669142.3	4343641	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
160	ALL	668882.3	4343401	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
672	ALL	669162.3	4343661	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
705	ALL	669182.3	4343681	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
375	ALL	669002.3	4343501	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
886	ALL	669302.3	4343861	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
1012	ALL	669362.3	4343961	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
959	ALL	669322.3	4343921	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
984	ALL	669342.3	4343941	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
331	ALL	668982.3	4343481	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
1694	ALL	668442.3	4344321	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
1040	ALL	669402.3	4343981	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
287	ALL	668962.3	4343461	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
118	ALL	668862.3	4343381	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
245	ALL	668942.3	4343441	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	2.00E-06
776	ALL	669242.3	4343741	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	2.00E-06
1075	ALL	669442.3	4344001	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	2.00E-06
935	ALL	669322.3	4343901	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	2.00E-06
203	ALL	668922.3	4343421	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
552	ALL	669102.3	4343581	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
594	ALL	669122.3	4343601	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
910	ALL	669322.3	4343881	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
510	ALL	669082.3	4343561	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
627	ALL	669142.3	4343621	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
465	ALL	669062.3	4343541	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
864	ALL	669302.3	4343841	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
73	ALL	668842.3	4343361	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
1013	ALL	669382.3	4343961	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
650	ALL	669162.3	4343641	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
420	ALL	669042.3	4343521	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
673	ALL	669182.3	4343661	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
161	ALL	668902.3	4343401	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
706	ALL	669202.3	4343681	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
985	ALL	669362.3	4343941	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
960	ALL	669342.3	4343921	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
1041	ALL	669422.3	4343981	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
376	ALL	669022.3	4343501	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
887	ALL	669322.3	4343861	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
936	ALL	669342.3	4343901	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06
119	ALL	668882.3	4343381	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06
332	ALL	669002.3	4343481	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06
288	ALL	668982.3	4343461	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
911	ALL	669342.3	4343881	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
1014	ALL	669402.3	4343961	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06
246	ALL	668962.3	4343441	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06
754	ALL	669242.3	4343721	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06
986	ALL	669382.3	4343941	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06
847	ALL	669302.3	4343821	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
810	ALL	669282.3	4343781	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
204	ALL	668942.3	4343421	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06

961	ALL	669362.3	4343921	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
595	ALL	669142.3	4343601	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
553	ALL	669122.3	4343581	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
74	ALL	668862.3	4343361	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
511	ALL	669102.3	4343561	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
628	ALL	669162.3	4343621	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
865	ALL	669322.3	4343841	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
937	ALL	669362.3	4343901	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
888	ALL	669342.3	4343861	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
466	ALL	669082.3	4343541	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
651	ALL	669182.3	4343641	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
777	ALL	669262.3	4343741	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
421	ALL	669062.3	4343521	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
162	ALL	668922.3	4343401	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
674	ALL	669202.3	4343661	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
1042	ALL	669442.3	4343981	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
962	ALL	669382.3	4343921	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
377	ALL	669042.3	4343501	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
912	ALL	669362.3	4343881	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
707	ALL	669222.3	4343681	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
987	ALL	669402.3	4343941	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
1015	ALL	669422.3	4343961	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
120	ALL	668902.3	4343381	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
333	ALL	669022.3	4343481	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
829	ALL	669302.3	4343801	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
938	ALL	669382.3	4343901	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
289	ALL	669002.3	4343461	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
731	ALL	669242.3	4343701	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
793	ALL	669282.3	4343761	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
247	ALL	668982.3	4343441	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
889	ALL	669362.3	4343861	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
866	ALL	669342.3	4343841	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
75	ALL	668882.3	4343361	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
848	ALL	669322.3	4343821	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
963	ALL	669402.3	4343921	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
205	ALL	668962.3	4343421	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
554	ALL	669142.3	4343581	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
596	ALL	669162.3	4343601	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
512	ALL	669122.3	4343561	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
629	ALL	669182.3	4343621	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
467	ALL	669102.3	4343541	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
988	ALL	669422.3	4343941	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
652	ALL	669202.3	4343641	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
913	ALL	669382.3	4343881	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
422	ALL	669082.3	4343521	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
163	ALL	668942.3	4343401	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
811	ALL	669302.3	4343781	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
378	ALL	669062.3	4343501	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
755	ALL	669262.3	4343721	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
675	ALL	669222.3	4343661	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
1016	ALL	669442.3	4343961	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
939	ALL	669402.3	4343901	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
121	ALL	668922.3	4343381	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
334	ALL	669042.3	4343481	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
964	ALL	669422.3	4343921	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
867	ALL	669362.3	4343841	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
849	ALL	669342.3	4343821	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
708	ALL	669242.3	4343681	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
76	ALL	668902.3	4343361	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
290	ALL	669022.3	4343461	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
890	ALL	669382.3	4343861	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
830	ALL	669322.3	4343801	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
778	ALL	669282.3	4343741	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
989	ALL	669442.3	4343941	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
248	ALL	669002.3	4343441	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
914	ALL	669402.3	4343881	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
206	ALL	668982.3	4343421	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
513	ALL	669142.3	4343561	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
555	ALL	669162.3	4343581	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
597	ALL	669182.3	4343601	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
630	ALL	669202.3	4343621	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
468	ALL	669122.3	4343541	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
940	ALL	669422.3	4343901	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
794	ALL	669302.3	4343761	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
423	ALL	669102.3	4343521	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
164	ALL	668962.3	4343401	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
653	ALL	669222.3	4343641	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
965	ALL	669442.3	4343921	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
379	ALL	669082.3	4343501	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
732	ALL	669262.3	4343701	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
812	ALL	669322.3	4343781	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
122	ALL	668942.3	4343381	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
850	ALL	669362.3	4343821	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06

868	ALL	669382.3	4343841	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
335	ALL	669062.3	4343481	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
831	ALL	669342.3	4343801	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
891	ALL	669402.3	4343861	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
676	ALL	669242.3	4343661	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
77	ALL	668922.3	4343361	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
291	ALL	669042.3	4343461	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
915	ALL	669422.3	4343881	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
249	ALL	669022.3	4343441	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06
941	ALL	669442.3	4343901	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06
756	ALL	669282.3	4343721	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
207	ALL	669002.3	4343421	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
514	ALL	669162.3	4343561	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
556	ALL	669182.3	4343581	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
598	ALL	669202.3	4343601	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
469	ALL	669142.3	4343541	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
631	ALL	669222.3	4343621	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
424	ALL	669122.3	4343521	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
165	ALL	668982.3	4343401	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
709	ALL	669262.3	4343681	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
813	ALL	669342.3	4343781	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
779	ALL	669302.3	4343741	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
832	ALL	669362.3	4343801	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
380	ALL	669102.3	4343501	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
851	ALL	669382.3	4343821	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
869	ALL	669402.3	4343841	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
123	ALL	668962.3	4343381	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
795	ALL	669322.3	4343761	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
892	ALL	669422.3	4343861	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
654	ALL	669242.3	4343641	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
336	ALL	669082.3	4343481	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
78	ALL	668942.3	4343361	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
916	ALL	669442.3	4343881	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
292	ALL	669062.3	4343461	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
28	ALL	668922.3	4343341	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
250	ALL	669042.3	4343441	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
733	ALL	669282.3	4343701	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
599	ALL	669222.3	4343601	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
208	ALL	669022.3	4343421	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
677	ALL	669262.3	4343661	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
814	ALL	669362.3	4343781	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
833	ALL	669382.3	4343801	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
515	ALL	669182.3	4343561	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
557	ALL	669202.3	4343581	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
852	ALL	669402.3	4343821	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
470	ALL	669162.3	4343541	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
166	ALL	669002.3	4343401	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
425	ALL	669142.3	4343521	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
870	ALL	669422.3	4343841	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
796	ALL	669342.3	4343761	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
632	ALL	669242.3	4343621	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
381	ALL	669122.3	4343501	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
893	ALL	669442.3	4343861	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
124	ALL	668982.3	4343381	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
757	ALL	669302.3	4343721	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
337	ALL	669102.3	4343481	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
79	ALL	668962.3	4343361	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
780	ALL	669322.3	4343741	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
293	ALL	669082.3	4343461	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
29	ALL	668942.3	4343341	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
710	ALL	669282.3	4343681	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
655	ALL	669262.3	4343641	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
815	ALL	669382.3	4343781	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
834	ALL	669402.3	4343801	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
251	ALL	669062.3	4343441	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
853	ALL	669422.3	4343821	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
1	ALL	668922.3	4343321	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
797	ALL	669362.3	4343761	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
209	ALL	669042.3	4343421	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
871	ALL	669442.3	4343841	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
558	ALL	669222.3	4343581	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
600	ALL	669242.3	4343601	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
516	ALL	669202.3	4343561	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
167	ALL	669022.3	4343401	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
471	ALL	669182.3	4343541	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
426	ALL	669162.3	4343521	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
678	ALL	669282.3	4343661	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
382	ALL	669142.3	4343501	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
781	ALL	669342.3	4343741	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
125	ALL	669002.3	4343381	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
734	ALL	669302.3	4343701	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
758	ALL	669322.3	4343721	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
633	ALL	669262.3	4343621	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06

338	ALL	669122.3	4343481	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
80	ALL	668982.3	4343361	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
798	ALL	669382.3	4343761	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
816	ALL	669402.3	4343781	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
294	ALL	669102.3	4343461	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
30	ALL	668962.3	4343341	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
835	ALL	669422.3	4343801	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
854	ALL	669442.3	4343821	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
252	ALL	669082.3	4343441	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
2	ALL	668942.3	4343321	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
782	ALL	669362.3	4343741	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
656	ALL	669282.3	4343641	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
559	ALL	669242.3	4343581	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
210	ALL	669062.3	4343421	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
517	ALL	669222.3	4343561	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
711	ALL	669302.3	4343681	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
168	ALL	669042.3	4343401	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
601	ALL	669262.3	4343601	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
472	ALL	669202.3	4343541	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
427	ALL	669182.3	4343521	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
126	ALL	669022.3	4343381	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
383	ALL	669162.3	4343501	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
759	ALL	669342.3	4343721	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
735	ALL	669322.3	4343701	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
783	ALL	669382.3	4343741	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
81	ALL	669002.3	4343361	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
339	ALL	669142.3	4343481	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
799	ALL	669402.3	4343761	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
679	ALL	669302.3	4343661	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
634	ALL	669282.3	4343621	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
817	ALL	669422.3	4343781	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
31	ALL	668982.3	4343341	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
295	ALL	669122.3	4343461	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
836	ALL	669442.3	4343801	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
3	ALL	668962.3	4343321	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
253	ALL	669102.3	4343441	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
211	ALL	669082.3	4343421	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
560	ALL	669262.3	4343581	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
657	ALL	669302.3	4343641	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
518	ALL	669242.3	4343561	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
760	ALL	669362.3	4343721	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
169	ALL	669062.3	4343401	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
736	ALL	669342.3	4343701	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
473	ALL	669222.3	4343541	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
127	ALL	669042.3	4343381	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
602	ALL	669282.3	4343601	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
712	ALL	669322.3	4343681	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
428	ALL	669202.3	4343521	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
784	ALL	669402.3	4343741	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
384	ALL	669182.3	4343501	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
82	ALL	669022.3	4343361	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
761	ALL	669382.3	4343721	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
800	ALL	669422.3	4343761	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
340	ALL	669162.3	4343481	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
32	ALL	669002.3	4343341	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
818	ALL	669442.3	4343781	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
296	ALL	669142.3	4343461	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
680	ALL	669322.3	4343661	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
635	ALL	669302.3	4343621	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
4	ALL	668982.3	4343321	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
254	ALL	669122.3	4343441	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
737	ALL	669362.3	4343701	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
713	ALL	669342.3	4343681	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
212	ALL	669102.3	4343421	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
519	ALL	669262.3	4343561	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
561	ALL	669282.3	4343581	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
658	ALL	669322.3	4343641	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
170	ALL	669082.3	4343401	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
474	ALL	669242.3	4343541	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
128	ALL	669062.3	4343381	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
429	ALL	669222.3	4343521	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
785	ALL	669422.3	4343741	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
603	ALL	669302.3	4343601	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
83	ALL	669042.3	4343361	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
762	ALL	669402.3	4343721	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
738	ALL	669382.3	4343701	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
385	ALL	669202.3	4343501	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
33	ALL	669022.3	4343341	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
714	ALL	669362.3	4343681	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
801	ALL	669442.3	4343761	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
681	ALL	669342.3	4343661	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
341	ALL	669182.3	4343481	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
297	ALL	669162.3	4343461	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06

5	ALL	669002.3	4343321	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
636	ALL	669322.3	4343621	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
255	ALL	669142.3	4343441	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
213	ALL	669122.3	4343421	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
520	ALL	669282.3	4343561	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
171	ALL	669102.3	4343401	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
562	ALL	669302.3	4343581	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
659	ALL	669342.3	4343641	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
475	ALL	669262.3	4343541	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
129	ALL	669082.3	4343381	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
430	ALL	669242.3	4343521	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
715	ALL	669382.3	4343681	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
84	ALL	669062.3	4343361	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
763	ALL	669422.3	4343721	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
739	ALL	669402.3	4343701	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
786	ALL	669442.3	4343741	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
682	ALL	669362.3	4343661	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
604	ALL	669322.3	4343601	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
386	ALL	669222.3	4343501	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
34	ALL	669042.3	4343341	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
342	ALL	669202.3	4343481	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
6	ALL	669022.3	4343321	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
298	ALL	669182.3	4343461	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
637	ALL	669342.3	4343621	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
256	ALL	669162.3	4343441	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
214	ALL	669142.3	4343421	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
521	ALL	669302.3	4343561	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
172	ALL	669122.3	4343401	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
476	ALL	669282.3	4343541	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
660	ALL	669362.3	4343641	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
130	ALL	669102.3	4343381	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
563	ALL	669322.3	4343581	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
431	ALL	669262.3	4343521	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
85	ALL	669082.3	4343361	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
716	ALL	669402.3	4343681	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
764	ALL	669442.3	4343721	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
740	ALL	669422.3	4343701	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
683	ALL	669382.3	4343661	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
35	ALL	669062.3	4343341	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
387	ALL	669242.3	4343501	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
605	ALL	669342.3	4343601	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
7	ALL	669042.3	4343321	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
343	ALL	669222.3	4343481	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
299	ALL	669202.3	4343461	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
257	ALL	669182.3	4343441	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
638	ALL	669362.3	4343621	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
215	ALL	669162.3	4343421	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
173	ALL	669142.3	4343401	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
522	ALL	669322.3	4343561	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
477	ALL	669302.3	4343541	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
131	ALL	669122.3	4343381	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
661	ALL	669382.3	4343641	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
564	ALL	669342.3	4343581	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
432	ALL	669282.3	4343521	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
684	ALL	669402.3	4343661	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
86	ALL	669102.3	4343361	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
741	ALL	669442.3	4343701	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
717	ALL	669422.3	4343681	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
36	ALL	669082.3	4343341	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
388	ALL	669262.3	4343501	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
8	ALL	669062.3	4343321	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
344	ALL	669242.3	4343481	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
606	ALL	669362.3	4343601	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
300	ALL	669222.3	4343461	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
258	ALL	669202.3	4343441	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
639	ALL	669382.3	4343621	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
216	ALL	669182.3	4343421	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
174	ALL	669162.3	4343401	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
662	ALL	669402.3	4343641	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
478	ALL	669322.3	4343541	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
132	ALL	669142.3	4343381	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
523	ALL	669342.3	4343561	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
685	ALL	669422.3	4343661	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
87	ALL	669122.3	4343361	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
433	ALL	669302.3	4343521	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
718	ALL	669442.3	4343681	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
565	ALL	669362.3	4343581	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
37	ALL	669102.3	4343341	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
389	ALL	669282.3	4343501	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
345	ALL	669262.3	4343481	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
9	ALL	669082.3	4343321	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
607	ALL	669382.3	4343601	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
301	ALL	669242.3	4343461	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06

259	ALL	669222.3	4343441	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
640	ALL	669402.3	4343621	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
217	ALL	669202.3	4343421	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
175	ALL	669182.3	4343401	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
133	ALL	669162.3	4343381	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
663	ALL	669422.3	4343641	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
479	ALL	669342.3	4343541	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
88	ALL	669142.3	4343361	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
686	ALL	669442.3	4343661	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
524	ALL	669362.3	4343561	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
434	ALL	669322.3	4343521	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
38	ALL	669122.3	4343341	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
566	ALL	669382.3	4343581	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
390	ALL	669302.3	4343501	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
10	ALL	669102.3	4343321	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
346	ALL	669282.3	4343481	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
302	ALL	669262.3	4343461	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
608	ALL	669402.3	4343601	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
260	ALL	669242.3	4343441	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
218	ALL	669222.3	4343421	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
641	ALL	669422.3	4343621	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
176	ALL	669202.3	4343401	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
134	ALL	669182.3	4343381	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
89	ALL	669162.3	4343361	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
664	ALL	669442.3	4343641	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
480	ALL	669362.3	4343541	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
39	ALL	669142.3	4343341	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
525	ALL	669382.3	4343561	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
435	ALL	669342.3	4343521	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
11	ALL	669122.3	4343321	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
567	ALL	669402.3	4343581	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
391	ALL	669322.3	4343501	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
347	ALL	669302.3	4343481	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
303	ALL	669282.3	4343461	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
261	ALL	669262.3	4343441	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
219	ALL	669242.3	4343421	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
609	ALL	669422.3	4343601	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
177	ALL	669222.3	4343401	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
135	ALL	669202.3	4343381	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
642	ALL	669442.3	4343621	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
90	ALL	669182.3	4343361	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
40	ALL	669162.3	4343341	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
481	ALL	669382.3	4343541	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
12	ALL	669142.3	4343321	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
436	ALL	669362.3	4343521	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
526	ALL	669402.3	4343561	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
392	ALL	669342.3	4343501	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
568	ALL	669422.3	4343581	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
220	ALL	669262.3	4343421	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
262	ALL	669282.3	4343441	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
304	ALL	669302.3	4343461	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
348	ALL	669322.3	4343481	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
178	ALL	669242.3	4343401	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
136	ALL	669222.3	4343381	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
610	ALL	669442.3	4343601	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
91	ALL	669202.3	4343361	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
41	ALL	669182.3	4343341	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
13	ALL	669162.3	4343321	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
482	ALL	669402.3	4343541	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
437	ALL	669382.3	4343521	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
527	ALL	669422.3	4343561	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
393	ALL	669362.3	4343501	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
179	ALL	669262.3	4343401	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
221	ALL	669282.3	4343421	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
137	ALL	669242.3	4343381	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
263	ALL	669302.3	4343441	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
569	ALL	669442.3	4343581	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
92	ALL	669222.3	4343361	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
305	ALL	669322.3	4343461	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
349	ALL	669342.3	4343481	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
42	ALL	669202.3	4343341	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
14	ALL	669182.3	4343321	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
483	ALL	669422.3	4343541	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
438	ALL	669402.3	4343521	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
138	ALL	669262.3	4343381	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
528	ALL	669442.3	4343561	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
180	ALL	669282.3	4343401	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
93	ALL	669242.3	4343361	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
394	ALL	669382.3	4343501	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
222	ALL	669302.3	4343421	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
264	ALL	669322.3	4343441	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
43	ALL	669222.3	4343341	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
306	ALL	669342.3	4343461	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06

350	ALL	669362.3	4343481	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
15	ALL	669202.3	4343321	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
139	ALL	669282.3	4343381	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
484	ALL	669442.3	4343541	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
439	ALL	669422.3	4343521	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
94	ALL	669262.3	4343361	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
181	ALL	669302.3	4343401	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
223	ALL	669322.3	4343421	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
265	ALL	669342.3	4343441	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
395	ALL	669402.3	4343501	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
44	ALL	669242.3	4343341	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
307	ALL	669362.3	4343461	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
351	ALL	669382.3	4343481	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
16	ALL	669222.3	4343321	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
140	ALL	669302.3	4343381	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
182	ALL	669322.3	4343401	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
95	ALL	669282.3	4343361	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
224	ALL	669342.3	4343421	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
440	ALL	669442.3	4343521	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
266	ALL	669362.3	4343441	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
45	ALL	669262.3	4343341	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
396	ALL	669422.3	4343501	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
308	ALL	669382.3	4343461	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
17	ALL	669242.3	4343321	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
352	ALL	669402.3	4343481	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
141	ALL	669322.3	4343381	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
183	ALL	669342.3	4343401	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
96	ALL	669302.3	4343361	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
225	ALL	669362.3	4343421	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
267	ALL	669382.3	4343441	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
46	ALL	669282.3	4343341	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
309	ALL	669402.3	4343461	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
397	ALL	669442.3	4343501	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
18	ALL	669262.3	4343321	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
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184	ALL	669362.3	4343401	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
142	ALL	669342.3	4343381	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
226	ALL	669382.3	4343421	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
97	ALL	669322.3	4343361	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
268	ALL	669402.3	4343441	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
47	ALL	669302.3	4343341	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
310	ALL	669422.3	4343461	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
19	ALL	669282.3	4343321	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
354	ALL	669442.3	4343481	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
185	ALL	669382.3	4343401	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
143	ALL	669362.3	4343381	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
227	ALL	669402.3	4343421	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
269	ALL	669422.3	4343441	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
98	ALL	669342.3	4343361	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
48	ALL	669322.3	4343341	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
311	ALL	669442.3	4343461	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
20	ALL	669302.3	4343321	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
186	ALL	669402.3	4343401	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
228	ALL	669422.3	4343421	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
144	ALL	669382.3	4343381	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
270	ALL	669442.3	4343441	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
99	ALL	669362.3	4343361	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
49	ALL	669342.3	4343341	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
21	ALL	669322.3	4343321	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
187	ALL	669422.3	4343401	9.88E-07	30YrCancerDerived_InhSoilDermMMilk	9.88E-07
229	ALL	669442.3	4343421	9.87E-07	30YrCancerDerived_InhSoilDermMMilk	9.87E-07
145	ALL	669402.3	4343381	9.87E-07	30YrCancerDerived_InhSoilDermMMilk	9.87E-07
100	ALL	669382.3	4343361	9.85E-07	30YrCancerDerived_InhSoilDermMMilk	9.85E-07
50	ALL	669362.3	4343341	9.81E-07	30YrCancerDerived_InhSoilDermMMilk	9.81E-07
22	ALL	669342.3	4343321	9.77E-07	30YrCancerDerived_InhSoilDermMMilk	9.77E-07
188	ALL	669442.3	4343401	9.66E-07	30YrCancerDerived_InhSoilDermMMilk	9.66E-07
146	ALL	669422.3	4343381	9.64E-07	30YrCancerDerived_InhSoilDermMMilk	9.64E-07
101	ALL	669402.3	4343361	9.62E-07	30YrCancerDerived_InhSoilDermMMilk	9.62E-07
51	ALL	669382.3	4343341	9.59E-07	30YrCancerDerived_InhSoilDermMMilk	9.59E-07
23	ALL	669362.3	4343321	9.54E-07	30YrCancerDerived_InhSoilDermMMilk	9.54E-07
147	ALL	669442.3	4343381	9.44E-07	30YrCancerDerived_InhSoilDermMMilk	9.44E-07
102	ALL	669422.3	4343361	9.41E-07	30YrCancerDerived_InhSoilDermMMilk	9.41E-07
52	ALL	669402.3	4343341	9.37E-07	30YrCancerDerived_InhSoilDermMMilk	9.37E-07
24	ALL	669382.3	4343321	9.32E-07	30YrCancerDerived_InhSoilDermMMilk	9.32E-07
103	ALL	669442.3	4343361	9.21E-07	30YrCancerDerived_InhSoilDermMMilk	9.21E-07
53	ALL	669422.3	4343341	9.17E-07	30YrCancerDerived_InhSoilDermMMilk	9.17E-07
25	ALL	669402.3	4343321	9.11E-07	30YrCancerDerived_InhSoilDermMMilk	9.11E-07
54	ALL	669442.3	4343341	8.97E-07	30YrCancerDerived_InhSoilDermMMilk	8.97E-07
26	ALL	669422.3	4343321	8.89E-07	30YrCancerDerived_InhSoilDermMMilk	8.89E-07
27	ALL	669442.3	4343321	8.69E-07	30YrCancerDerived_InhSoilDermMMilk	8.69E-07

*HARP - HRACalc v22118 10/12/2023 2:15:53 PM - Chronic Risk - Input File: C:\Users\imcintire\Desktop\HARP2\9478_DORSEY_EXISTING-PROJECT_\hra\9478_DORSEY_EXISTING-PROJECT_HRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	MAXHI
1095	ALL		668822.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-02
1060	ALL		668802.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-02
1028	ALL		668782.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-02
1679	ALL		669162.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-02
1294	ALL		668889.2	4344116	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-02
1418	ALL		668942.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-02
1131	ALL		668822.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-02
1725	ALL		669182.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-02
1094	ALL		668802.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-02
1375	ALL		668922.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-02
1548	ALL		669122.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-02
1590	ALL		669002.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-02
1059	ALL		668782.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-02
1027	ALL		668762.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-02
999	ALL		668742.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-02
1591	ALL		669142.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-02
742	ALL		668662.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	9.99E-03
1505	ALL		668962.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	9.97E-03
765	ALL		668682.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	9.88E-03
1724	ALL		669042.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	9.82E-03
787	ALL		668702.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	9.75E-03
975	ALL		668722.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	9.75E-03
1419	ALL		669082.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	9.73E-03
1212	ALL		669002.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	9.54E-03
1461	ALL		668942.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	9.53E-03
1635	ALL		669162.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	9.45E-03
903	ALL		668671.5	4343883	NonCancerChronicDerived_InhSoilDermMMilk	9.28E-03
1462	ALL		669102.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	9.24E-03
1417	ALL		668922.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	9.18E-03
1254	ALL		669022.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	9.08E-03
1680	ALL		669182.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	8.92E-03
1093	ALL		668782.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	8.89E-03
1589	ALL		668982.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	8.82E-03
1506	ALL		669122.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	8.74E-03
1726	ALL		669202.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	8.66E-03
1058	ALL		668762.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	8.64E-03
1295	ALL		669042.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	8.52E-03
1547	ALL		668962.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	8.48E-03
1026	ALL		668742.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	8.33E-03
842	ALL		668602.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	8.17E-03
1504	ALL		668942.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	8.16E-03
1549	ALL		669142.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	8.15E-03
1723	ALL		669022.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	8.06E-03
1334	ALL		669062.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	8.04E-03
998	ALL		668722.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	7.91E-03
1460	ALL		668922.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	7.90E-03
802	ALL		668562.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.88E-03
743	ALL		668682.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.85E-03
1678	ALL		669002.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	7.84E-03
1376	ALL		669082.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-03
766	ALL		668702.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-03
1592	ALL		669162.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	7.70E-03
788	ALL		668722.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.69E-03
1634	ALL		668982.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	7.63E-03
1130	ALL		668782.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	7.61E-03
1420	ALL		669102.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	7.44E-03
1213	ALL		669022.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	7.41E-03
1092	ALL		668762.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	7.39E-03
1636	ALL		669182.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	7.28E-03
1463	ALL		669122.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	7.19E-03
1057	ALL		668742.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	7.17E-03
1546	ALL		668942.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	7.16E-03
952	ALL		668682.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	7.08E-03
1681	ALL		669202.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	7.08E-03
1255	ALL		669042.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	7.03E-03
1727	ALL		669222.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	7.00E-03
1503	ALL		668922.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	6.94E-03
1025	ALL		668722.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	6.84E-03
1722	ALL		669002.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	6.82E-03
1211	ALL		668802.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	6.81E-03
1507	ALL		669142.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	6.78E-03
1677	ALL		668982.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	6.68E-03
1170	ALL		668782.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	6.67E-03
841	ALL		668582.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	6.60E-03
821	ALL		668562.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	6.58E-03
1296	ALL		669062.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	6.57E-03
719	ALL		668682.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.56E-03
1633	ALL		668962.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	6.52E-03
1129	ALL		668762.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	6.50E-03
744	ALL		668702.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.48E-03
1550	ALL		669162.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	6.48E-03
767	ALL		668722.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	6.41E-03
1335	ALL		669082.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	6.34E-03
860	ALL		668822.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	6.33E-03
1091	ALL		668742.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	6.33E-03

879	ALL	668842.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	6.29E-03
1333	ALL	668842.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	6.28E-03
1171	ALL	669022.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	6.25E-03
1593	ALL	669182.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	6.19E-03
974	ALL	668682.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	6.13E-03
1056	ALL	668722.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	6.11E-03
1253	ALL	668802.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	6.06E-03
1377	ALL	669102.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	6.05E-03
1210	ALL	668782.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	5.95E-03
1637	ALL	669202.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	5.93E-03
1721	ALL	668982.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	5.92E-03
1214	ALL	669042.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	5.90E-03
1421	ALL	669122.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	5.89E-03
1728	ALL	669242.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	5.88E-03
1682	ALL	669222.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	5.85E-03
1169	ALL	668762.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	5.83E-03
1676	ALL	668962.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	5.82E-03
951	ALL	668662.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	5.77E-03
1416	ALL	668862.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	5.77E-03
441	ALL	668542.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.76E-03
1464	ALL	669142.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	5.76E-03
1632	ALL	668942.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	5.71E-03
485	ALL	668562.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.70E-03
1374	ALL	668842.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	5.66E-03
1128	ALL	668742.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	5.66E-03
720	ALL	668702.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	5.59E-03
840	ALL	668562.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	5.54E-03
1090	ALL	668722.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	5.53E-03
1508	ALL	669162.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	5.52E-03
745	ALL	668722.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	5.52E-03
1256	ALL	669062.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	5.51E-03
820	ALL	668542.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	5.51E-03
904	ALL	668882.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	5.46E-03
843	ALL	668822.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	5.46E-03
926	ALL	668902.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	5.45E-03
880	ALL	668862.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	5.43E-03
1252	ALL	668782.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	5.37E-03
1502	ALL	668882.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	5.36E-03
1551	ALL	669182.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	5.34E-03
1209	ALL	668762.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	5.29E-03
1055	ALL	668702.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	5.28E-03
1459	ALL	668862.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	5.24E-03
1720	ALL	668962.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	5.23E-03
1297	ALL	669082.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	5.22E-03
973	ALL	668662.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	5.21E-03
1168	ALL	668742.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	5.17E-03
1675	ALL	668942.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	5.16E-03
1415	ALL	668842.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	5.15E-03
1594	ALL	669202.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	5.14E-03
1172	ALL	669042.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	5.10E-03
1336	ALL	669102.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	5.08E-03
1631	ALL	668922.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	5.08E-03
1729	ALL	669262.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	5.07E-03
1373	ALL	668822.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	5.05E-03
1683	ALL	669242.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	5.02E-03
1127	ALL	668722.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	5.02E-03
1638	ALL	669222.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.97E-03
398	ALL	668542.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	4.97E-03
1588	ALL	668902.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	4.97E-03
442	ALL	668562.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	4.93E-03
1378	ALL	669122.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.90E-03
1089	ALL	668702.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	4.90E-03
1293	ALL	668782.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	4.90E-03
1545	ALL	668882.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	4.89E-03
486	ALL	668582.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	4.88E-03
721	ALL	668722.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	4.86E-03
1422	ALL	669142.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.86E-03
997	ALL	668662.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	4.83E-03
1251	ALL	668762.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	4.82E-03
905	ALL	668902.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	4.82E-03
746	ALL	668742.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	4.82E-03
859	ALL	668562.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	4.81E-03
902	ALL	668602.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	4.80E-03
1501	ALL	668862.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	4.80E-03
927	ALL	668922.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	4.79E-03
839	ALL	668542.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	4.79E-03
844	ALL	668842.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	4.79E-03
1465	ALL	669162.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	4.77E-03
1215	ALL	669062.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	4.77E-03
861	ALL	668862.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	4.76E-03
1208	ALL	668742.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	4.75E-03
1054	ALL	668682.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	4.72E-03
1458	ALL	668842.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	4.71E-03
1719	ALL	668942.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.69E-03
976	ALL	668962.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	4.68E-03
1414	ALL	668822.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.63E-03
1167	ALL	668722.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.63E-03

1509	ALL	669182.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	4.63E-03
1674	ALL	668922.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.63E-03
1630	ALL	668902.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.56E-03
1372	ALL	668802.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.56E-03
972	ALL	668642.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	4.56E-03
1126	ALL	668702.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	4.52E-03
1132	ALL	669042.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	4.50E-03
1552	ALL	669202.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	4.49E-03
1587	ALL	668882.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	4.48E-03
1730	ALL	669282.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.46E-03
1684	ALL	669262.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.44E-03
1088	ALL	668682.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	4.43E-03
1292	ALL	668762.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	4.42E-03
1544	ALL	668862.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	4.41E-03
1595	ALL	669222.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	4.40E-03
1257	ALL	669082.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	4.39E-03
901	ALL	668582.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	4.38E-03
1250	ALL	668742.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	4.37E-03
355	ALL	668542.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	4.36E-03
687	ALL	668722.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	4.34E-03
399	ALL	668562.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	4.34E-03
1500	ALL	668842.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	4.34E-03
1639	ALL	669242.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.34E-03
312	ALL	668522.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	4.34E-03
996	ALL	668642.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	4.33E-03
878	ALL	668562.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	4.33E-03
570	ALL	668642.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	4.33E-03
443	ALL	668582.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	4.31E-03
1298	ALL	669102.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	4.31E-03
722	ALL	668742.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	4.31E-03
1207	ALL	668722.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	4.30E-03
925	ALL	668602.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	4.30E-03
881	ALL	668902.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	4.29E-03
487	ALL	668602.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	4.29E-03
822	ALL	668842.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	4.28E-03
747	ALL	668762.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	4.28E-03
906	ALL	668922.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	4.28E-03
858	ALL	668542.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	4.27E-03
1457	ALL	668822.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	4.27E-03
862	ALL	668882.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	4.25E-03
1173	ALL	669062.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.25E-03
928	ALL	668942.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	4.25E-03
838	ALL	668522.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	4.25E-03
1718	ALL	668922.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.24E-03
1337	ALL	669122.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	4.21E-03
1166	ALL	668702.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.20E-03
1413	ALL	668802.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.20E-03
1024	ALL	668642.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	4.20E-03
1673	ALL	668902.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.19E-03
953	ALL	668962.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	4.18E-03
1629	ALL	668882.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.14E-03
1371	ALL	668782.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.14E-03
1423	ALL	669162.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.13E-03
1379	ALL	669142.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.13E-03
1125	ALL	668682.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	4.12E-03
977	ALL	668982.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	4.11E-03
1586	ALL	668862.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	4.08E-03
1332	ALL	668762.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	4.07E-03
1466	ALL	669182.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	4.07E-03
1087	ALL	668662.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	4.05E-03
924	ALL	668582.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	4.03E-03
1291	ALL	668742.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	4.02E-03
1543	ALL	668842.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	4.02E-03
950	ALL	668602.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	4.01E-03
900	ALL	668562.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	4.00E-03
1000	ALL	669002.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	4.00E-03
1731	ALL	669302.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.98E-03
1685	ALL	669282.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.98E-03
1249	ALL	668722.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.98E-03
1053	ALL	668642.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	3.97E-03
1499	ALL	668822.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.96E-03
1216	ALL	669082.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.94E-03
1510	ALL	669202.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.93E-03
1640	ALL	669262.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.93E-03
1206	ALL	668702.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.92E-03
877	ALL	668542.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.92E-03
1456	ALL	668802.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.90E-03
1553	ALL	669222.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.89E-03
571	ALL	668662.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	3.89E-03
688	ALL	668742.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	3.89E-03
1596	ALL	669242.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.88E-03
857	ALL	668522.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.88E-03
529	ALL	668642.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	3.87E-03
1023	ALL	668622.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	3.87E-03
1717	ALL	668902.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.87E-03
356	ALL	668562.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	3.87E-03
723	ALL	668762.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	3.86E-03

1133	ALL	669062.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.86E-03
882	ALL	668922.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.86E-03
313	ALL	668542.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	3.85E-03
1165	ALL	668682.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.85E-03
1412	ALL	668782.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.84E-03
1672	ALL	668882.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.83E-03
845	ALL	668882.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	3.83E-03
949	ALL	668582.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.79E-03
1628	ALL	668862.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.79E-03
1370	ALL	668762.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.79E-03
929	ALL	668962.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.78E-03
1124	ALL	668662.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.78E-03
923	ALL	668562.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.75E-03
1585	ALL	668842.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.74E-03
1258	ALL	669102.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.73E-03
1331	ALL	668742.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.72E-03
954	ALL	668982.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.72E-03
1086	ALL	668642.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.70E-03
1542	ALL	668822.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.68E-03
1290	ALL	668722.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.68E-03
899	ALL	668542.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.68E-03
1299	ALL	669122.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.66E-03
1174	ALL	669082.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.65E-03
978	ALL	669002.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	3.65E-03
1248	ALL	668702.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.64E-03
1498	ALL	668802.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.64E-03
1052	ALL	668622.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	3.63E-03
1424	ALL	669182.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.61E-03
1686	ALL	669302.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.61E-03
1380	ALL	669162.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.61E-03
1338	ALL	669142.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.61E-03
876	ALL	668522.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.60E-03
1205	ALL	668682.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.60E-03
1641	ALL	669282.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.58E-03
1455	ALL	668782.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.58E-03
1732	ALL	669322.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.57E-03
1716	ALL	668882.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.55E-03
1467	ALL	669202.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.55E-03
948	ALL	668562.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.53E-03
856	ALL	668502.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.53E-03
1164	ALL	668662.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.53E-03
572	ALL	668682.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	3.53E-03
1411	ALL	668762.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.53E-03
1671	ALL	668862.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.53E-03
689	ALL	668762.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	3.52E-03
1597	ALL	669262.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.52E-03
530	ALL	668662.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	3.51E-03
803	ALL	668862.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	3.51E-03
724	ALL	668782.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	3.51E-03
846	ALL	668902.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	3.50E-03
488	ALL	668642.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	3.49E-03
1627	ALL	668842.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.49E-03
1369	ALL	668742.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.48E-03
1554	ALL	669242.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.47E-03
922	ALL	668542.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.46E-03
1123	ALL	668642.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.45E-03
1584	ALL	668822.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.44E-03
1511	ALL	669222.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.43E-03
1134	ALL	669082.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.43E-03
1330	ALL	668722.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.42E-03
898	ALL	668522.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.40E-03
1541	ALL	668802.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.40E-03
1217	ALL	669102.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.39E-03
1289	ALL	668702.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.39E-03
930	ALL	668982.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.39E-03
1085	ALL	668622.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.38E-03
1247	ALL	668682.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.35E-03
1497	ALL	668782.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.35E-03
955	ALL	669002.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-03
875	ALL	668502.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.32E-03
1051	ALL	668602.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	3.32E-03
1204	ALL	668662.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.31E-03
1687	ALL	669322.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.30E-03
1454	ALL	668762.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.30E-03
1642	ALL	669302.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.29E-03
1715	ALL	668862.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.29E-03
947	ALL	668542.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.27E-03
1670	ALL	668842.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.26E-03
1410	ALL	668742.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.25E-03
1598	ALL	669282.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.25E-03
1163	ALL	668642.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.24E-03
1259	ALL	669122.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.24E-03
1733	ALL	669342.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-03
573	ALL	668702.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-03
1425	ALL	669202.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-03
1381	ALL	669182.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.22E-03
531	ALL	668682.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	3.22E-03

1626	ALL	668822.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.22E-03
789	ALL	668862.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	3.22E-03
690	ALL	668782.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	3.21E-03
1368	ALL	668722.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.21E-03
921	ALL	668522.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.21E-03
725	ALL	668802.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	3.21E-03
823	ALL	668902.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-03
489	ALL	668662.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-03
1555	ALL	669262.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.19E-03
1175	ALL	669102.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.19E-03
1339	ALL	669162.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.19E-03
1583	ALL	668802.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.18E-03
1300	ALL	669142.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.17E-03
1122	ALL	668622.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.16E-03
1329	ALL	668702.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.16E-03
444	ALL	668642.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	3.16E-03
897	ALL	668502.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.15E-03
1540	ALL	668782.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.14E-03
1468	ALL	669222.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.14E-03
1288	ALL	668682.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-03
1512	ALL	669242.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.12E-03
1084	ALL	668602.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.10E-03
1246	ALL	668662.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.10E-03
1496	ALL	668762.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.10E-03
971	ALL	668542.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	3.10E-03
874	ALL	668482.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.09E-03
819	ALL	668442.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	3.09E-03
1714	ALL	668842.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.06E-03
1203	ALL	668642.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.06E-03
1453	ALL	668742.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.05E-03
1050	ALL	668582.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	3.05E-03
1135	ALL	669102.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-03
1643	ALL	669322.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-03
946	ALL	668522.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.03E-03
1669	ALL	668822.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-03
1409	ALL	668722.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.01E-03
1599	ALL	669302.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.01E-03
1688	ALL	669342.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.01E-03
1218	ALL	669122.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.99E-03
920	ALL	668502.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.99E-03
1162	ALL	668622.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.99E-03
1625	ALL	668802.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.99E-03
1556	ALL	669282.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.98E-03
574	ALL	668722.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-03
790	ALL	668882.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-03
532	ALL	668702.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-03
1367	ALL	668702.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-03
824	ALL	668922.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	2.96E-03
691	ALL	668802.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.96E-03
1582	ALL	668782.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.96E-03
490	ALL	668682.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.95E-03
896	ALL	668482.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.95E-03
1734	ALL	669362.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.94E-03
1382	ALL	669202.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.93E-03
995	ALL	668542.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.93E-03
1328	ALL	668682.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.93E-03
1513	ALL	669262.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.93E-03
1539	ALL	668762.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
1121	ALL	668602.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
445	ALL	668662.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
837	ALL	668442.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
1426	ALL	669222.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.91E-03
1287	ALL	668662.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.90E-03
400	ALL	668642.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.89E-03
1495	ALL	668742.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.88E-03
1245	ALL	668642.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-03
1469	ALL	669242.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-03
970	ALL	668522.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-03
1340	ALL	669182.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-03
1001	ALL	669062.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-03
873	ALL	668462.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.86E-03
1083	ALL	668582.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.86E-03
1713	ALL	668822.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.85E-03
1260	ALL	669142.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.85E-03
1176	ALL	669122.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.85E-03
1301	ALL	669162.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-03
1452	ALL	668722.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-03
945	ALL	668502.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-03
1202	ALL	668622.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-03
1668	ALL	668802.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.82E-03
1644	ALL	669342.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-03
919	ALL	668482.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-03
1049	ALL	668562.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-03
1408	ALL	668702.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.80E-03
1600	ALL	669322.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.80E-03
1624	ALL	668782.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.79E-03
1557	ALL	669302.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.78E-03

855	ALL	668442.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-03
1022	ALL	668542.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-03
1514	ALL	669282.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
1581	ALL	668762.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
1161	ALL	668602.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
768	ALL	668882.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
1689	ALL	669362.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
692	ALL	668822.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
1366	ALL	668682.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-03
895	ALL	668462.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-03
575	ALL	668742.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-03
533	ALL	668722.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-03
491	ALL	668702.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.74E-03
1136	ALL	669122.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.74E-03
1538	ALL	668742.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-03
1327	ALL	668662.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.72E-03
446	ALL	668682.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-03
994	ALL	668522.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-03
55	ALL	668482.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-03
1470	ALL	669262.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-03
1286	ALL	668642.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-03
1494	ALL	668722.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03
1120	ALL	668582.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03
1219	ALL	669142.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03
1735	ALL	669382.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03
1383	ALL	669222.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03
401	ALL	668662.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03
969	ALL	668502.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.68E-03
1427	ALL	669242.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.68E-03
944	ALL	668482.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.68E-03
357	ALL	668642.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.67E-03
1244	ALL	668622.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.67E-03
1712	ALL	668802.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-03
872	ALL	668442.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-03
1096	ALL	669122.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-03
1451	ALL	668702.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-03
1002	ALL	669082.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.65E-03
1082	ALL	668562.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.65E-03
918	ALL	668462.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.64E-03
1667	ALL	668782.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.64E-03
1601	ALL	669342.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-03
1407	ALL	668682.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-03
1048	ALL	668542.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-03
1201	ALL	668602.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-03
1623	ALL	668762.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-03
1558	ALL	669322.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.60E-03
1341	ALL	669202.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.60E-03
1515	ALL	669302.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.60E-03
1645	ALL	669362.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
1177	ALL	669142.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
1580	ALL	668742.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-03
693	ALL	668842.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-03
1471	ALL	669282.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-03
665	ALL	668822.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-03
1021	ALL	668522.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-03
1261	ALL	669162.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-03
1302	ALL	669182.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-03
894	ALL	668442.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-03
1365	ALL	668662.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-03
576	ALL	668762.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.56E-03
1537	ALL	668722.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
534	ALL	668742.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
1160	ALL	668582.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
492	ALL	668722.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
993	ALL	668502.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
968	ALL	668482.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-03
1326	ALL	668642.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-03
104	ALL	668522.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-03
1690	ALL	669382.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-03
447	ALL	668702.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-03
943	ALL	668462.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-03
1493	ALL	668702.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
1428	ALL	669262.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
1119	ALL	668562.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-03
1285	ALL	668622.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-03
402	ALL	668682.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-03
1137	ALL	669142.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-03
1711	ALL	668782.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-03
1384	ALL	669242.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-03
56	ALL	668502.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	2.49E-03
358	ALL	668662.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.49E-03
1450	ALL	668682.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.49E-03
1081	ALL	668542.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.49E-03
1243	ALL	668602.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-03
314	ALL	668642.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-03
917	ALL	668442.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-03
1666	ALL	668762.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-03

1736	ALL	669402.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-03
1097	ALL	669142.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-03
1220	ALL	669162.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-03
1622	ALL	668742.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-03
1559	ALL	669342.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-03
1047	ALL	668522.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-03
1602	ALL	669362.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-03
1406	ALL	668662.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-03
1472	ALL	669302.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-03
1516	ALL	669322.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-03
1579	ALL	668722.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-03
1200	ALL	668582.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-03
1020	ALL	668502.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-03
666	ALL	668842.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-03
992	ALL	668482.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-03
643	ALL	668822.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-03
694	ALL	668862.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-03
967	ALL	668462.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-03
1429	ALL	669282.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-03
1342	ALL	669222.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
577	ALL	668782.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
1536	ALL	668702.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
1646	ALL	669382.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-03
535	ALL	668762.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-03
1364	ALL	668642.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-03
1159	ALL	668562.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-03
942	ALL	668442.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
493	ALL	668742.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
448	ALL	668722.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-03
791	ALL	668942.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-03
1492	ALL	668682.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-03
1178	ALL	669162.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-03
1325	ALL	668622.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-03
1118	ALL	668542.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-03
1385	ALL	669262.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-03
403	ALL	668702.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-03
1710	ALL	668762.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-03
105	ALL	668542.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-03
931	ALL	669062.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-03
1080	ALL	668522.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-03
1691	ALL	669402.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-03
1284	ALL	668602.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-03
1262	ALL	669182.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-03
1303	ALL	669202.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-03
1449	ALL	668662.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
359	ALL	668682.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
1665	ALL	668742.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
315	ALL	668662.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
1046	ALL	668502.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
1560	ALL	669362.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
57	ALL	668522.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
1621	ALL	668722.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
1138	ALL	669162.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
1019	ALL	668482.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
1242	ALL	668582.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
1517	ALL	669342.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
271	ALL	668642.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
991	ALL	668462.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
1473	ALL	669322.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
1430	ALL	669302.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-03
1578	ALL	668702.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
1098	ALL	669162.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
966	ALL	668442.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
1737	ALL	669422.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
1405	ALL	668642.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
644	ALL	668842.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03
1343	ALL	669242.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03
667	ALL	668862.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03
611	ALL	668822.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03
1199	ALL	668562.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03
1603	ALL	669382.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03
578	ALL	668802.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03
695	ALL	668882.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-03
1535	ALL	668682.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
536	ALL	668782.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1158	ALL	668542.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1386	ALL	669282.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
494	ALL	668762.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-03
1117	ALL	668522.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
1363	ALL	668622.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
1221	ALL	669182.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
1491	ALL	668662.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
449	ALL	668742.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
1647	ALL	669402.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
1079	ALL	668502.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
1709	ALL	668742.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
404	ALL	668722.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03

1324	ALL	668602.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
1045	ALL	668482.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
1344	ALL	669262.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-03
932	ALL	669082.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-03
1061	ALL	669162.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-03
1664	ALL	668722.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-03
825	ALL	668982.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-03
360	ALL	668702.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-03
1018	ALL	668462.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-03
1283	ALL	668582.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-03
316	ALL	668682.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-03
1448	ALL	668642.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-03
990	ALL	668442.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-03
1518	ALL	669362.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-03
1304	ALL	669222.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1620	ALL	668702.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1474	ALL	669342.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1241	ALL	668562.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1692	ALL	669422.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
1179	ALL	669182.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
272	ALL	668662.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
1431	ALL	669322.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
1561	ALL	669382.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
58	ALL	668542.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
1577	ALL	668682.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
1198	ALL	668542.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
612	ALL	668842.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
804	ALL	668982.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
579	ALL	668822.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
645	ALL	668862.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
230	ALL	668642.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
1387	ALL	669302.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
537	ALL	668802.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
1263	ALL	669202.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
668	ALL	668882.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
1157	ALL	668522.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
1404	ALL	668622.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
1534	ALL	668662.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
1116	ALL	668502.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
495	ALL	668782.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
1078	ALL	668482.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
1139	ALL	669182.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
1362	ALL	668602.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-03
1604	ALL	669402.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-03
1738	ALL	669442.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1044	ALL	668462.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
450	ALL	668762.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1099	ALL	669182.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1345	ALL	669282.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1708	ALL	668722.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1490	ALL	668642.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-03
1323	ALL	668582.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-03
405	ALL	668742.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-03
1017	ALL	668442.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
1663	ALL	668702.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
361	ALL	668722.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
1305	ALL	669242.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
1282	ALL	668562.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
317	ALL	668702.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-03
1648	ALL	669422.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-03
1240	ALL	668542.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1519	ALL	669382.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1475	ALL	669362.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1619	ALL	668682.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
273	ALL	668682.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1447	ALL	668622.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1432	ALL	669342.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1197	ALL	668522.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1062	ALL	669182.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1576	ALL	668662.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
1156	ALL	668502.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
580	ALL	668842.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
1306	ALL	669262.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
538	ALL	668822.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
613	ALL	668862.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
1115	ALL	668482.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
1403	ALL	668602.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
1222	ALL	669202.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
231	ALL	668662.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
1388	ALL	669322.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
496	ALL	668802.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
59	ALL	668562.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
646	ALL	668882.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
1562	ALL	669402.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
1077	ALL	668462.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
669	ALL	668902.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
1693	ALL	669442.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03

1533	ALL	668642.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
1361	ALL	668582.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
1043	ALL	668442.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
189	ALL	668642.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
1264	ALL	669222.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
451	ALL	668782.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
1346	ALL	669302.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
1707	ALL	668702.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
1322	ALL	668562.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
805	ALL	669002.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
406	ALL	668762.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
1489	ALL	668622.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
1605	ALL	669422.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
1281	ALL	668542.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
362	ALL	668742.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
1662	ALL	668682.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
1180	ALL	669202.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
1029	ALL	669182.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
769	ALL	668982.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
318	ALL	668722.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
1239	ALL	668522.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
274	ALL	668702.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
1618	ALL	668662.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
1196	ALL	668502.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
1476	ALL	669382.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
1433	ALL	669362.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
1307	ALL	669282.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
1446	ALL	668602.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
1155	ALL	668482.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
1140	ALL	669202.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
1649	ALL	669442.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1114	ALL	668462.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
232	ALL	668682.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1520	ALL	669402.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1575	ALL	668642.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1402	ALL	668582.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1389	ALL	669342.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
497	ALL	668822.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
539	ALL	668842.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
1076	ALL	668442.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
1100	ALL	669202.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
614	ALL	668882.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
581	ALL	668862.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1360	ALL	668562.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
647	ALL	668902.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
452	ALL	668802.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
60	ALL	668582.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1265	ALL	669242.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1532	ALL	668622.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
190	ALL	668662.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
670	ALL	668922.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
1321	ALL	668542.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
1347	ALL	669322.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
1563	ALL	669422.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
1706	ALL	668682.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
1003	ALL	669182.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
407	ALL	668782.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
1280	ALL	668522.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
1223	ALL	669222.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
883	ALL	669082.7	4343856	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
726	ALL	668962.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
148	ALL	668642.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
363	ALL	668762.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1488	ALL	668602.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
748	ALL	668982.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1063	ALL	669202.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1661	ALL	668662.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1238	ALL	668502.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1195	ALL	668482.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
319	ALL	668742.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
770	ALL	669002.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
1266	ALL	669262.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
275	ALL	668722.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1606	ALL	669442.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1154	ALL	668462.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1617	ALL	668642.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1445	ALL	668582.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1308	ALL	669302.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1113	ALL	668442.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1434	ALL	669382.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
106	ALL	668622.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
233	ALL	668702.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
806	ALL	669022.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1401	ALL	668562.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1390	ALL	669362.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
1574	ALL	668622.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
1477	ALL	669402.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03

1181	ALL	669222.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
453	ALL	668822.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
1359	ALL	668542.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
498	ALL	668842.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
1030	ALL	669202.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
191	ALL	668682.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1521	ALL	669422.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1320	ALL	668522.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
61	ALL	668602.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
615	ALL	668902.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1531	ALL	668602.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
408	ALL	668802.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
540	ALL	668862.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
648	ALL	668922.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
582	ALL	668882.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1141	ALL	669222.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1279	ALL	668502.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1705	ALL	668662.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1237	ALL	668482.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
696	ALL	668962.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1267	ALL	669282.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
149	ALL	668662.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
727	ALL	668982.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1348	ALL	669342.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
364	ALL	668782.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
749	ALL	669002.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1194	ALL	668462.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1487	ALL	668582.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1660	ALL	668642.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1224	ALL	669242.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1101	ALL	669222.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1564	ALL	669442.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
1153	ALL	668442.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
320	ALL	668762.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
1444	ALL	668562.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1616	ALL	668622.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
276	ALL	668742.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1004	ALL	669202.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1309	ALL	669322.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
107	ALL	668642.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
234	ALL	668722.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1400	ALL	668542.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1391	ALL	669382.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1573	ALL	668602.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1358	ALL	668522.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1435	ALL	669402.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1064	ALL	669222.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
454	ALL	668842.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
192	ALL	668702.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
1319	ALL	668502.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
409	ALL	668822.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
1478	ALL	669422.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1278	ALL	668482.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1530	ALL	668582.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1225	ALL	669262.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
62	ALL	668622.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1182	ALL	669242.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1236	ALL	668462.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
616	ALL	668922.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
499	ALL	668862.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1704	ALL	668642.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
365	ALL	668802.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
583	ALL	668902.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1268	ALL	669302.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
150	ALL	668682.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1193	ALL	668442.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
697	ALL	668982.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1522	ALL	669442.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
541	ALL	668882.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1486	ALL	668562.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
1349	ALL	669362.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
1659	ALL	668622.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
1031	ALL	669222.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
321	ALL	668782.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
1443	ALL	668542.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
1142	ALL	669242.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
108	ALL	668662.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
1615	ALL	668602.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1399	ALL	668522.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
771	ALL	669042.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
277	ALL	668762.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1357	ALL	668502.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
235	ALL	668742.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1318	ALL	668482.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1226	ALL	669282.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1572	ALL	668582.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
193	ALL	668722.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03

1392	ALL	669402.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
1102	ALL	669242.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
410	ALL	668842.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
1277	ALL	668462.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
1310	ALL	669342.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
826	ALL	669062.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
1436	ALL	669422.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
455	ALL	668862.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
907	ALL	669182.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
1235	ALL	668442.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
1529	ALL	668562.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
366	ALL	668822.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
807	ALL	669062.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
63	ALL	668642.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1005	ALL	669222.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
151	ALL	668702.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1183	ALL	669262.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1350	ALL	669382.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1479	ALL	669442.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
617	ALL	668942.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1703	ALL	668622.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
584	ALL	668922.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
698	ALL	669002.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1269	ALL	669322.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1485	ALL	668542.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
542	ALL	668902.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1065	ALL	669242.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
322	ALL	668802.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
750	ALL	669042.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
500	ALL	668882.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1658	ALL	668602.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1442	ALL	668522.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1398	ALL	668502.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
109	ALL	668682.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
1227	ALL	669302.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
1356	ALL	668482.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
1614	ALL	668582.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
278	ALL	668782.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
772	ALL	669062.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
1317	ALL	668462.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
236	ALL	668762.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1184	ALL	669282.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1571	ALL	668562.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1276	ALL	668442.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
411	ALL	668862.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
194	ALL	668742.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1032	ALL	669242.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1393	ALL	669422.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1143	ALL	669262.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1311	ALL	669362.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
367	ALL	668842.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1528	ALL	668542.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
1351	ALL	669402.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
1437	ALL	669442.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
618	ALL	668962.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
152	ALL	668722.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
64	ALL	668662.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
456	ALL	668882.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
585	ALL	668942.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
908	ALL	669202.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
699	ALL	669022.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
323	ALL	668822.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1103	ALL	669262.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1702	ALL	668602.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
543	ALL	668922.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1484	ALL	668522.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
728	ALL	669042.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
751	ALL	669062.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
1441	ALL	668502.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
501	ALL	668902.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
1185	ALL	669302.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
1657	ALL	668582.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
1397	ALL	668482.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
1228	ALL	669322.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
1312	ALL	669382.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1144	ALL	669282.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1355	ALL	668462.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
279	ALL	668802.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
110	ALL	668702.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1270	ALL	669342.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1613	ALL	668562.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1316	ALL	668442.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1006	ALL	669242.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
773	ALL	669082.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1066	ALL	669262.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
237	ALL	668782.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1570	ALL	668542.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03

884	ALL	669202.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
368	ALL	668862.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
412	ALL	668882.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
195	ALL	668762.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1145	ALL	669302.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
619	ALL	668982.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1186	ALL	669322.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
586	ALL	668962.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1394	ALL	669442.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1527	ALL	668522.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1352	ALL	669422.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
544	ALL	668942.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
324	ALL	668842.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
65	ALL	668682.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
457	ALL	668902.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
153	ALL	668742.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1104	ALL	669282.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1483	ALL	668502.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
502	ALL	668922.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
729	ALL	669062.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1313	ALL	669402.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1701	ALL	668582.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1440	ALL	668482.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
979	ALL	669242.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
752	ALL	669082.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1396	ALL	668462.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1229	ALL	669342.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1271	ALL	669362.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
280	ALL	668822.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1656	ALL	668562.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1354	ALL	668442.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
111	ALL	668722.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1033	ALL	669262.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
827	ALL	669162.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1146	ALL	669322.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1612	ALL	668542.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1187	ALL	669342.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1272	ALL	669382.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
238	ALL	668802.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1569	ALL	668522.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
587	ALL	668982.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
369	ALL	668882.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
545	ALL	668962.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
620	ALL	669002.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
196	ALL	668782.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
413	ALL	668902.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1526	ALL	668502.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1067	ALL	669282.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1105	ALL	669302.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
503	ALL	668942.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1147	ALL	669342.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
458	ALL	668922.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1230	ALL	669362.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
325	ALL	668862.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
66	ALL	668702.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1314	ALL	669422.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1353	ALL	669442.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1482	ALL	668482.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
700	ALL	669062.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1439	ALL	668462.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
730	ALL	669082.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
154	ALL	668762.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1007	ALL	669262.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1188	ALL	669362.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
885	ALL	669222.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1395	ALL	668442.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1700	ALL	668562.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
281	ALL	668842.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
828	ALL	669182.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1273	ALL	669402.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1655	ALL	668542.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
1231	ALL	669382.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
792	ALL	669142.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
112	ALL	668742.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
239	ALL	668822.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1148	ALL	669362.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1611	ALL	668522.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1106	ALL	669322.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
1568	ALL	668502.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
1189	ALL	669382.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
546	ALL	668982.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
504	ALL	668962.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
588	ALL	669002.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
67	ALL	668722.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
1034	ALL	669282.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
459	ALL	668942.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
197	ALL	668802.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03

414	ALL	668922.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
621	ALL	669022.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
370	ALL	668902.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1525	ALL	668482.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
980	ALL	669262.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
326	ALL	668882.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1315	ALL	669442.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1481	ALL	668462.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
863	ALL	669222.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
1274	ALL	669422.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
1232	ALL	669402.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
1438	ALL	668442.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
1068	ALL	669302.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
701	ALL	669082.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
155	ALL	668782.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
282	ALL	668862.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1149	ALL	669382.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1107	ALL	669342.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1699	ALL	668542.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1654	ALL	668522.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1190	ALL	669402.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
113	ALL	668762.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
240	ALL	668842.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1610	ALL	668502.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
956	ALL	669262.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
1567	ALL	668482.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
547	ALL	669002.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
505	ALL	668982.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
1008	ALL	669282.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
460	ALL	668962.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
589	ALL	669022.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1233	ALL	669422.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
68	ALL	668742.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
198	ALL	668822.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
415	ALL	668942.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1108	ALL	669362.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1275	ALL	669442.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1524	ALL	668462.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
622	ALL	669042.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
371	ALL	668922.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1480	ALL	668442.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
327	ALL	668902.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1150	ALL	669402.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1069	ALL	669322.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
156	ALL	668802.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
283	ALL	668882.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
774	ALL	669162.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
1035	ALL	669302.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
1698	ALL	668522.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
808	ALL	669202.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
1191	ALL	669422.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1653	ALL	668502.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1109	ALL	669382.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
241	ALL	668862.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
114	ALL	668782.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1609	ALL	668482.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
981	ALL	669282.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1234	ALL	669442.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1566	ALL	668462.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
548	ALL	669022.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
506	ALL	669002.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
590	ALL	669042.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
199	ALL	668842.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
461	ALL	668982.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1070	ALL	669342.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1523	ALL	668442.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
69	ALL	668762.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
416	ALL	668962.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
623	ALL	669062.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
372	ALL	668942.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
328	ALL	668922.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1151	ALL	669422.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
157	ALL	668822.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1110	ALL	669402.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
753	ALL	669162.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
284	ALL	668902.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
702	ALL	669122.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
775	ALL	669182.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
1009	ALL	669302.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
957	ALL	669282.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
1697	ALL	668502.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
1071	ALL	669362.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
1652	ALL	668482.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
242	ALL	668882.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
809	ALL	669222.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
1192	ALL	669442.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
115	ALL	668802.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03

1608	ALL	668462.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
1036	ALL	669322.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
1565	ALL	668442.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
933	ALL	669282.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
200	ALL	668862.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
549	ALL	669042.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
507	ALL	669022.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
591	ALL	669062.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
462	ALL	669002.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
70	ALL	668782.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
624	ALL	669082.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
417	ALL	668982.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
373	ALL	668962.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1072	ALL	669382.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
329	ALL	668942.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
982	ALL	669302.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
158	ALL	668842.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1111	ALL	669422.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
703	ALL	669142.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
285	ALL	668922.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1152	ALL	669442.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1010	ALL	669322.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1696	ALL	668482.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
243	ALL	668902.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1037	ALL	669342.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1651	ALL	668462.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
116	ALL	668822.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1607	ALL	668442.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1073	ALL	669402.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
201	ALL	668882.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
550	ALL	669062.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
508	ALL	669042.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
592	ALL	669082.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
463	ALL	669022.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
958	ALL	669302.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
71	ALL	668802.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
625	ALL	669102.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
418	ALL	669002.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
159	ALL	668862.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
374	ALL	668982.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1038	ALL	669362.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
671	ALL	669142.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
704	ALL	669162.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
330	ALL	668962.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
286	ALL	668942.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
983	ALL	669322.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1112	ALL	669442.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
934	ALL	669302.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1011	ALL	669342.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1695	ALL	668462.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
244	ALL	668922.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
117	ALL	668842.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1650	ALL	668442.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
1074	ALL	669422.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
909	ALL	669302.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
202	ALL	668902.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
1039	ALL	669382.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
551	ALL	669082.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
593	ALL	669102.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
509	ALL	669062.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
464	ALL	669042.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
626	ALL	669122.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
72	ALL	668822.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
419	ALL	669022.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
649	ALL	669142.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
160	ALL	668882.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
672	ALL	669162.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
705	ALL	669182.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
375	ALL	669002.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
886	ALL	669302.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
1012	ALL	669362.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
959	ALL	669322.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
984	ALL	669342.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
331	ALL	668982.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
1694	ALL	668442.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
1040	ALL	669402.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
287	ALL	668962.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
118	ALL	668862.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
245	ALL	668942.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
776	ALL	669242.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1075	ALL	669442.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
935	ALL	669322.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
203	ALL	668922.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
552	ALL	669102.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
594	ALL	669122.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
910	ALL	669322.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
510	ALL	669082.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03

627	ALL	669142.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
465	ALL	669062.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
73	ALL	668842.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
864	ALL	669302.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1013	ALL	669382.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
650	ALL	669162.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
420	ALL	669042.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
673	ALL	669182.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
161	ALL	668902.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
706	ALL	669202.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
985	ALL	669362.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
960	ALL	669342.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
1041	ALL	669422.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
376	ALL	669022.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
887	ALL	669322.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
936	ALL	669342.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
119	ALL	668882.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
332	ALL	669002.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
288	ALL	668982.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
911	ALL	669342.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
1014	ALL	669402.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
246	ALL	668962.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
754	ALL	669242.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
986	ALL	669382.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
847	ALL	669302.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
810	ALL	669282.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
204	ALL	668942.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
961	ALL	669362.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
595	ALL	669142.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
553	ALL	669122.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
74	ALL	668862.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
511	ALL	669102.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
628	ALL	669162.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
865	ALL	669322.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
937	ALL	669362.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
888	ALL	669342.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
466	ALL	669082.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
651	ALL	669182.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
777	ALL	669262.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
421	ALL	669062.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
162	ALL	668922.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
674	ALL	669202.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
1042	ALL	669442.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
962	ALL	669382.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
377	ALL	669042.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
912	ALL	669362.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
707	ALL	669222.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
987	ALL	669402.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
1015	ALL	669422.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
120	ALL	668902.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
333	ALL	669022.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
829	ALL	669302.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
938	ALL	669382.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
289	ALL	669002.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
731	ALL	669242.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
793	ALL	669282.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
247	ALL	668982.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
889	ALL	669362.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
866	ALL	669342.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
75	ALL	668882.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
848	ALL	669322.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
963	ALL	669402.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
205	ALL	668962.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
554	ALL	669142.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
596	ALL	669162.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
512	ALL	669122.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
629	ALL	669182.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
467	ALL	669102.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
988	ALL	669422.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
652	ALL	669202.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
913	ALL	669382.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
422	ALL	669082.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
163	ALL	668942.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
811	ALL	669302.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
378	ALL	669062.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
755	ALL	669262.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
675	ALL	669222.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
1016	ALL	669442.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
939	ALL	669402.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
121	ALL	668922.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
334	ALL	669042.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
964	ALL	669422.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
867	ALL	669362.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
849	ALL	669342.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
708	ALL	669242.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
76	ALL	668902.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
290	ALL	669022.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03

890	ALL	669382.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
830	ALL	669322.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
778	ALL	669282.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
989	ALL	669442.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
248	ALL	669002.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
914	ALL	669402.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
206	ALL	668982.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.97E-04
513	ALL	669142.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	9.96E-04
555	ALL	669162.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.96E-04
597	ALL	669182.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	9.96E-04
630	ALL	669202.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	9.95E-04
468	ALL	669122.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	9.94E-04
940	ALL	669422.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	9.93E-04
794	ALL	669302.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	9.92E-04
423	ALL	669102.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.92E-04
164	ALL	668962.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.91E-04
653	ALL	669222.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	9.90E-04
965	ALL	669442.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	9.89E-04
379	ALL	669082.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	9.88E-04
732	ALL	669262.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	9.86E-04
812	ALL	669322.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	9.84E-04
122	ALL	668942.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.83E-04
850	ALL	669362.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	9.81E-04
868	ALL	669382.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	9.81E-04
335	ALL	669062.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	9.81E-04
831	ALL	669342.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	9.80E-04
891	ALL	669402.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	9.79E-04
676	ALL	669242.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	9.77E-04
77	ALL	668922.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	9.76E-04
291	ALL	669042.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	9.74E-04
915	ALL	669422.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	9.73E-04
249	ALL	669022.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	9.69E-04
941	ALL	669442.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	9.66E-04
756	ALL	669282.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	9.65E-04
207	ALL	669002.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.65E-04
556	ALL	669182.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.63E-04
514	ALL	669162.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	9.63E-04
598	ALL	669202.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	9.63E-04
469	ALL	669142.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	9.62E-04
631	ALL	669222.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	9.62E-04
424	ALL	669122.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.60E-04
165	ALL	668982.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.59E-04
709	ALL	669262.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	9.59E-04
813	ALL	669342.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	9.57E-04
779	ALL	669302.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	9.57E-04
832	ALL	669362.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	9.57E-04
380	ALL	669102.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	9.56E-04
851	ALL	669382.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	9.56E-04
869	ALL	669402.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	9.55E-04
123	ALL	668962.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.53E-04
795	ALL	669322.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	9.52E-04
892	ALL	669422.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	9.52E-04
654	ALL	669242.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	9.51E-04
336	ALL	669082.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	9.50E-04
78	ALL	668942.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	9.47E-04
916	ALL	669442.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	9.45E-04
292	ALL	669062.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	9.44E-04
28	ALL	668922.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	9.41E-04
250	ALL	669042.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	9.39E-04
733	ALL	669282.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	9.36E-04
599	ALL	669222.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	9.34E-04
208	ALL	669022.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.34E-04
677	ALL	669262.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	9.33E-04
814	ALL	669362.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	9.33E-04
833	ALL	669382.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	9.33E-04
515	ALL	669182.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	9.32E-04
557	ALL	669202.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.32E-04
852	ALL	669402.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	9.32E-04
470	ALL	669162.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	9.31E-04
166	ALL	669002.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.30E-04
425	ALL	669142.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.30E-04
870	ALL	669422.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	9.29E-04
796	ALL	669342.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	9.28E-04
632	ALL	669242.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	9.27E-04
381	ALL	669122.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	9.26E-04
893	ALL	669442.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	9.26E-04
124	ALL	668982.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.24E-04
757	ALL	669302.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	9.24E-04
337	ALL	669102.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	9.21E-04
79	ALL	668962.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	9.19E-04
780	ALL	669322.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	9.19E-04
293	ALL	669082.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	9.15E-04
29	ALL	668942.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	9.14E-04
710	ALL	669282.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	9.13E-04
655	ALL	669262.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	9.13E-04
815	ALL	669382.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	9.11E-04
834	ALL	669402.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	9.10E-04

251	ALL	669062.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	9.10E-04
853	ALL	669422.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	9.09E-04
797	ALL	669362.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	9.08E-04
1	ALL	668922.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	9.08E-04
209	ALL	669042.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.05E-04
871	ALL	669442.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	9.05E-04
558	ALL	669222.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.05E-04
600	ALL	669242.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	9.05E-04
516	ALL	669202.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	9.02E-04
167	ALL	669022.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.02E-04
471	ALL	669182.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	9.01E-04
426	ALL	669162.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.00E-04
678	ALL	669282.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.98E-04
382	ALL	669142.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.98E-04
781	ALL	669342.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.97E-04
125	ALL	669002.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.97E-04
734	ALL	669302.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	8.97E-04
758	ALL	669322.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.95E-04
633	ALL	669262.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.94E-04
338	ALL	669122.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.93E-04
80	ALL	668982.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.93E-04
798	ALL	669382.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	8.92E-04
816	ALL	669402.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	8.89E-04
294	ALL	669102.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.88E-04
30	ALL	668962.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	8.88E-04
835	ALL	669422.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	8.87E-04
854	ALL	669442.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	8.82E-04
252	ALL	669082.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.82E-04
2	ALL	668942.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	8.82E-04
782	ALL	669362.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.81E-04
656	ALL	669282.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.81E-04
559	ALL	669242.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.78E-04
210	ALL	669062.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.78E-04
517	ALL	669222.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.76E-04
711	ALL	669302.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.75E-04
168	ALL	669042.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.75E-04
601	ALL	669262.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.74E-04
472	ALL	669202.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.73E-04
427	ALL	669182.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.72E-04
126	ALL	669022.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.71E-04
383	ALL	669162.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.70E-04
759	ALL	669342.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.69E-04
735	ALL	669322.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	8.69E-04
783	ALL	669382.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.69E-04
81	ALL	669002.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.67E-04
339	ALL	669142.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.67E-04
799	ALL	669402.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	8.67E-04
679	ALL	669302.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.64E-04
634	ALL	669282.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.64E-04
817	ALL	669422.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	8.63E-04
31	ALL	668982.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	8.63E-04
295	ALL	669122.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.62E-04
836	ALL	669442.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	8.60E-04
3	ALL	668962.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	8.57E-04
253	ALL	669102.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.57E-04
211	ALL	669082.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.53E-04
560	ALL	669262.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.53E-04
657	ALL	669302.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.52E-04
518	ALL	669242.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.51E-04
760	ALL	669362.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.51E-04
169	ALL	669062.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.50E-04
736	ALL	669342.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	8.48E-04
473	ALL	669222.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.48E-04
127	ALL	669042.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.47E-04
602	ALL	669282.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.46E-04
712	ALL	669322.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.45E-04
428	ALL	669202.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.45E-04
784	ALL	669402.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.44E-04
384	ALL	669182.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.44E-04
82	ALL	669022.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.43E-04
761	ALL	669382.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.42E-04
800	ALL	669422.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	8.42E-04
340	ALL	669162.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.41E-04
32	ALL	669002.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	8.39E-04
818	ALL	669442.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	8.38E-04
296	ALL	669142.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.38E-04
680	ALL	669322.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.37E-04
635	ALL	669302.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.36E-04
4	ALL	668982.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	8.34E-04
254	ALL	669122.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.33E-04
737	ALL	669362.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	8.32E-04
713	ALL	669342.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.30E-04
212	ALL	669102.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.29E-04
519	ALL	669262.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.28E-04
561	ALL	669282.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.27E-04
658	ALL	669322.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.26E-04
170	ALL	669082.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.26E-04

474	ALL	669242.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.24E-04
128	ALL	669062.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.23E-04
429	ALL	669222.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.21E-04
785	ALL	669422.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.20E-04
603	ALL	669302.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.20E-04
83	ALL	669042.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.20E-04
762	ALL	669402.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.19E-04
738	ALL	669382.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	8.19E-04
385	ALL	669202.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.18E-04
33	ALL	669022.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	8.17E-04
714	ALL	669362.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.17E-04
801	ALL	669442.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	8.17E-04
681	ALL	669342.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.16E-04
341	ALL	669182.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.16E-04
297	ALL	669162.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.14E-04
5	ALL	669002.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	8.12E-04
636	ALL	669322.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.11E-04
255	ALL	669142.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.10E-04
213	ALL	669122.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.06E-04
520	ALL	669282.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.05E-04
171	ALL	669102.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.03E-04
562	ALL	669302.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.02E-04
659	ALL	669342.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.02E-04
475	ALL	669262.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.02E-04
129	ALL	669082.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.01E-04
430	ALL	669242.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.98E-04
715	ALL	669382.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.98E-04
84	ALL	669062.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.98E-04
763	ALL	669422.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.97E-04
739	ALL	669402.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.97E-04
786	ALL	669442.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.97E-04
682	ALL	669362.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.96E-04
604	ALL	669322.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.95E-04
386	ALL	669222.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.95E-04
34	ALL	669042.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.95E-04
342	ALL	669202.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.92E-04
6	ALL	669022.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.92E-04
298	ALL	669182.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.90E-04
637	ALL	669342.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.88E-04
256	ALL	669162.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.88E-04
214	ALL	669142.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.84E-04
521	ALL	669302.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.82E-04
172	ALL	669122.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.81E-04
476	ALL	669282.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.80E-04
660	ALL	669362.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.80E-04
130	ALL	669102.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.79E-04
563	ALL	669322.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.79E-04
431	ALL	669262.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.77E-04
85	ALL	669082.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-04
716	ALL	669402.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-04
764	ALL	669442.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-04
740	ALL	669422.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-04
683	ALL	669382.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.75E-04
35	ALL	669062.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.74E-04
387	ALL	669242.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.74E-04
605	ALL	669342.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.72E-04
7	ALL	669042.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.72E-04
343	ALL	669222.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.71E-04
299	ALL	669202.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.68E-04
257	ALL	669182.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.66E-04
638	ALL	669362.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.65E-04
215	ALL	669162.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.63E-04
173	ALL	669142.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.61E-04
522	ALL	669322.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.60E-04
477	ALL	669302.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.60E-04
131	ALL	669122.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.59E-04
661	ALL	669382.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.59E-04
564	ALL	669342.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.57E-04
432	ALL	669282.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.57E-04
684	ALL	669402.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.56E-04
86	ALL	669102.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.56E-04
741	ALL	669442.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.56E-04
717	ALL	669422.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.56E-04
388	ALL	669262.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.53E-04
36	ALL	669082.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.53E-04
8	ALL	669062.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.51E-04
344	ALL	669242.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.51E-04
606	ALL	669362.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.51E-04
300	ALL	669222.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.48E-04
258	ALL	669202.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.45E-04
639	ALL	669382.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.44E-04
216	ALL	669182.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.43E-04
174	ALL	669162.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.41E-04
662	ALL	669402.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.40E-04
478	ALL	669322.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.40E-04
132	ALL	669142.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.39E-04
523	ALL	669342.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.39E-04

685	ALL	669422.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.38E-04
87	ALL	669122.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.37E-04
433	ALL	669302.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.37E-04
718	ALL	669442.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.36E-04
565	ALL	669362.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.36E-04
37	ALL	669102.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.34E-04
389	ALL	669282.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.34E-04
345	ALL	669262.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.32E-04
9	ALL	669082.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.32E-04
607	ALL	669382.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.31E-04
301	ALL	669242.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.30E-04
259	ALL	669222.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.27E-04
640	ALL	669402.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.25E-04
217	ALL	669202.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.23E-04
175	ALL	669182.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.23E-04
133	ALL	669162.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.21E-04
663	ALL	669422.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.21E-04
479	ALL	669342.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.20E-04
88	ALL	669142.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.19E-04
686	ALL	669442.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.19E-04
524	ALL	669362.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.19E-04
434	ALL	669322.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.18E-04
38	ALL	669122.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.16E-04
566	ALL	669382.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.16E-04
390	ALL	669302.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.15E-04
10	ALL	669102.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.13E-04
346	ALL	669282.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.12E-04
302	ALL	669262.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.12E-04
608	ALL	669402.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.11E-04
260	ALL	669242.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.10E-04
218	ALL	669222.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.07E-04
641	ALL	669422.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.06E-04
176	ALL	669202.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.06E-04
134	ALL	669182.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.05E-04
89	ALL	669162.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.03E-04
664	ALL	669442.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.03E-04
480	ALL	669362.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.01E-04
39	ALL	669142.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.00E-04
525	ALL	669382.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.99E-04
435	ALL	669342.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.99E-04
11	ALL	669122.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.96E-04
567	ALL	669402.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.96E-04
391	ALL	669322.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.96E-04
347	ALL	669302.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.94E-04
303	ALL	669282.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.93E-04
261	ALL	669262.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.93E-04
219	ALL	669242.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.92E-04
609	ALL	669422.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.92E-04
177	ALL	669222.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.90E-04
135	ALL	669202.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.89E-04
642	ALL	669442.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.88E-04
90	ALL	669182.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.88E-04
40	ALL	669162.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.85E-04
481	ALL	669382.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.82E-04
436	ALL	669362.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.81E-04
12	ALL	669142.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.81E-04
526	ALL	669402.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.81E-04
392	ALL	669342.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.78E-04
568	ALL	669422.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.78E-04
220	ALL	669262.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.76E-04
262	ALL	669282.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.76E-04
304	ALL	669302.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.76E-04
348	ALL	669322.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.76E-04
178	ALL	669242.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.76E-04
136	ALL	669222.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.75E-04
610	ALL	669442.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.73E-04
91	ALL	669202.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.73E-04
41	ALL	669182.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.70E-04
13	ALL	669162.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.67E-04
482	ALL	669402.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.64E-04
437	ALL	669382.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.64E-04
527	ALL	669422.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.63E-04
393	ALL	669362.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.61E-04
179	ALL	669262.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.61E-04
221	ALL	669282.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.60E-04
137	ALL	669242.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.60E-04
569	ALL	669442.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.60E-04
263	ALL	669302.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.60E-04
92	ALL	669222.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.60E-04
305	ALL	669322.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.59E-04
349	ALL	669342.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.59E-04
42	ALL	669202.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.57E-04
14	ALL	669182.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.53E-04
483	ALL	669422.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.47E-04
438	ALL	669402.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.47E-04
138	ALL	669262.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.46E-04
528	ALL	669442.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.46E-04

180	ALL	669282.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.45E-04
394	ALL	669382.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.45E-04
93	ALL	669242.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.45E-04
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43	ALL	669222.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.43E-04
306	ALL	669342.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.43E-04
350	ALL	669362.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.42E-04
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484	ALL	669442.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.31E-04
439	ALL	669422.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.30E-04
181	ALL	669302.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.30E-04
94	ALL	669262.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.30E-04
223	ALL	669322.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.30E-04
265	ALL	669342.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.29E-04
395	ALL	669402.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.29E-04
44	ALL	669242.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.28E-04
307	ALL	669362.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.27E-04
351	ALL	669382.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.26E-04
16	ALL	669222.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.26E-04
140	ALL	669302.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-04
182	ALL	669322.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-04
95	ALL	669282.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-04
224	ALL	669342.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.15E-04
440	ALL	669442.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.14E-04
266	ALL	669362.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.14E-04
45	ALL	669262.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.13E-04
396	ALL	669422.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.13E-04
308	ALL	669382.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.13E-04
17	ALL	669242.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.12E-04
352	ALL	669402.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.11E-04
141	ALL	669322.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.02E-04
183	ALL	669342.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.02E-04
96	ALL	669302.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.01E-04
225	ALL	669362.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.01E-04
267	ALL	669382.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.00E-04
46	ALL	669282.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.99E-04
309	ALL	669402.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.98E-04
397	ALL	669442.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.98E-04
18	ALL	669262.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.97E-04
353	ALL	669422.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.96E-04
184	ALL	669362.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.88E-04
142	ALL	669342.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.88E-04
226	ALL	669382.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.88E-04
97	ALL	669322.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.88E-04
268	ALL	669402.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.87E-04
47	ALL	669302.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.85E-04
310	ALL	669422.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.85E-04
19	ALL	669282.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.83E-04
354	ALL	669442.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.82E-04
185	ALL	669382.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.75E-04
143	ALL	669362.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.75E-04
227	ALL	669402.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.75E-04
269	ALL	669422.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.74E-04
98	ALL	669342.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.74E-04
48	ALL	669322.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.72E-04
311	ALL	669442.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.71E-04
20	ALL	669302.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.69E-04
186	ALL	669402.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.63E-04
228	ALL	669422.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.62E-04
144	ALL	669382.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.62E-04
270	ALL	669442.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.61E-04
99	ALL	669362.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.61E-04
49	ALL	669342.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.59E-04
21	ALL	669322.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.57E-04
187	ALL	669422.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.50E-04
229	ALL	669442.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.49E-04
145	ALL	669402.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.49E-04
100	ALL	669382.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.48E-04
50	ALL	669362.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.46E-04
22	ALL	669342.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.44E-04
188	ALL	669442.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.37E-04
146	ALL	669422.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.37E-04
101	ALL	669402.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.35E-04
51	ALL	669382.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.34E-04
23	ALL	669362.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.31E-04
147	ALL	669442.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.25E-04
102	ALL	669422.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.24E-04
52	ALL	669402.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.21E-04
24	ALL	669382.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.19E-04
103	ALL	669442.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.12E-04
53	ALL	669422.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.10E-04
25	ALL	669402.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.07E-04
54	ALL	669442.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.99E-04
26	ALL	669422.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-04
27	ALL	669442.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.83E-04

Item # 11.

*HARP - HRACalc v22118 10/12/2023 2:20:32 PM - Cancer Risk - Input File: C:\Users\imcintire\Desktop\HARP2\9478_DORSEY_CUMULATIVE_\hra\9478_DORSEY_CUMULATIVE_HRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK
1095	ALL		668822.3	4344021	2.36E-05	30YrCancerDerived_InhSoilDermMMilk	2.36E-05
1060	ALL		668802.3	4344001	2.27E-05	30YrCancerDerived_InhSoilDermMMilk	2.27E-05
1028	ALL		668782.3	4343981	2.19E-05	30YrCancerDerived_InhSoilDermMMilk	2.19E-05
1679	ALL		669162.3	4344301	1.90E-05	30YrCancerDerived_InhSoilDermMMilk	1.90E-05
1294	ALL		668889.2	4344116	1.79E-05	30YrCancerDerived_InhSoilDermMMilk	1.79E-05
1418	ALL		668942.3	4344181	1.79E-05	30YrCancerDerived_InhSoilDermMMilk	1.79E-05
1131	ALL		668822.3	4344041	1.78E-05	30YrCancerDerived_InhSoilDermMMilk	1.78E-05
1725	ALL		669182.3	4344321	1.78E-05	30YrCancerDerived_InhSoilDermMMilk	1.78E-05
1094	ALL		668802.3	4344021	1.73E-05	30YrCancerDerived_InhSoilDermMMilk	1.73E-05
1375	ALL		668922.3	4344161	1.70E-05	30YrCancerDerived_InhSoilDermMMilk	1.70E-05
1548	ALL		669122.3	4344241	1.70E-05	30YrCancerDerived_InhSoilDermMMilk	1.70E-05
1590	ALL		669002.3	4344261	1.69E-05	30YrCancerDerived_InhSoilDermMMilk	1.69E-05
1059	ALL		668782.3	4344001	1.68E-05	30YrCancerDerived_InhSoilDermMMilk	1.68E-05
1027	ALL		668762.3	4343981	1.63E-05	30YrCancerDerived_InhSoilDermMMilk	1.63E-05
999	ALL		668742.3	4343961	1.57E-05	30YrCancerDerived_InhSoilDermMMilk	1.57E-05
1591	ALL		669142.3	4344261	1.57E-05	30YrCancerDerived_InhSoilDermMMilk	1.57E-05
742	ALL		668662.3	4343721	1.55E-05	30YrCancerDerived_InhSoilDermMMilk	1.55E-05
1505	ALL		668962.3	4344221	1.54E-05	30YrCancerDerived_InhSoilDermMMilk	1.54E-05
765	ALL		668682.3	4343741	1.53E-05	30YrCancerDerived_InhSoilDermMMilk	1.53E-05
1724	ALL		669042.3	4344321	1.52E-05	30YrCancerDerived_InhSoilDermMMilk	1.52E-05
787	ALL		668702.3	4343761	1.51E-05	30YrCancerDerived_InhSoilDermMMilk	1.51E-05
975	ALL		668722.3	4343941	1.51E-05	30YrCancerDerived_InhSoilDermMMilk	1.51E-05
1419	ALL		669082.3	4344181	1.51E-05	30YrCancerDerived_InhSoilDermMMilk	1.51E-05
1212	ALL		669002.3	4344081	1.48E-05	30YrCancerDerived_InhSoilDermMMilk	1.48E-05
1461	ALL		668942.3	4344201	1.47E-05	30YrCancerDerived_InhSoilDermMMilk	1.47E-05
1635	ALL		669162.3	4344281	1.46E-05	30YrCancerDerived_InhSoilDermMMilk	1.46E-05
903	ALL		668671.5	4343883	1.44E-05	30YrCancerDerived_InhSoilDermMMilk	1.44E-05
1462	ALL		669102.3	4344201	1.43E-05	30YrCancerDerived_InhSoilDermMMilk	1.43E-05
1417	ALL		668922.3	4344181	1.42E-05	30YrCancerDerived_InhSoilDermMMilk	1.42E-05
1254	ALL		669022.3	4344101	1.41E-05	30YrCancerDerived_InhSoilDermMMilk	1.41E-05
1680	ALL		669182.3	4344301	1.38E-05	30YrCancerDerived_InhSoilDermMMilk	1.38E-05
1093	ALL		668782.3	4344021	1.38E-05	30YrCancerDerived_InhSoilDermMMilk	1.38E-05
1589	ALL		668982.3	4344261	1.36E-05	30YrCancerDerived_InhSoilDermMMilk	1.36E-05
1506	ALL		669122.3	4344221	1.35E-05	30YrCancerDerived_InhSoilDermMMilk	1.35E-05
1726	ALL		669202.3	4344321	1.34E-05	30YrCancerDerived_InhSoilDermMMilk	1.34E-05
1058	ALL		668762.3	4344001	1.34E-05	30YrCancerDerived_InhSoilDermMMilk	1.34E-05
1295	ALL		669042.3	4344121	1.32E-05	30YrCancerDerived_InhSoilDermMMilk	1.32E-05
1547	ALL		668962.3	4344241	1.31E-05	30YrCancerDerived_InhSoilDermMMilk	1.31E-05
1026	ALL		668742.3	4343981	1.29E-05	30YrCancerDerived_InhSoilDermMMilk	1.29E-05
842	ALL		668602.3	4343821	1.26E-05	30YrCancerDerived_InhSoilDermMMilk	1.26E-05
1504	ALL		668942.3	4344221	1.26E-05	30YrCancerDerived_InhSoilDermMMilk	1.26E-05
1549	ALL		669142.3	4344241	1.26E-05	30YrCancerDerived_InhSoilDermMMilk	1.26E-05
1723	ALL		669022.3	4344321	1.25E-05	30YrCancerDerived_InhSoilDermMMilk	1.25E-05
1334	ALL		669062.3	4344141	1.24E-05	30YrCancerDerived_InhSoilDermMMilk	1.24E-05
998	ALL		668722.3	4343961	1.22E-05	30YrCancerDerived_InhSoilDermMMilk	1.22E-05
1460	ALL		668922.3	4344201	1.22E-05	30YrCancerDerived_InhSoilDermMMilk	1.22E-05
802	ALL		668562.3	4343781	1.22E-05	30YrCancerDerived_InhSoilDermMMilk	1.22E-05
743	ALL		668682.3	4343721	1.21E-05	30YrCancerDerived_InhSoilDermMMilk	1.21E-05
1678	ALL		669002.3	4344301	1.21E-05	30YrCancerDerived_InhSoilDermMMilk	1.21E-05
1376	ALL		669082.3	4344161	1.20E-05	30YrCancerDerived_InhSoilDermMMilk	1.20E-05
766	ALL		668702.3	4343741	1.20E-05	30YrCancerDerived_InhSoilDermMMilk	1.20E-05
1592	ALL		669162.3	4344261	1.19E-05	30YrCancerDerived_InhSoilDermMMilk	1.19E-05
788	ALL		668722.3	4343761	1.19E-05	30YrCancerDerived_InhSoilDermMMilk	1.19E-05
1634	ALL		668982.3	4344281	1.18E-05	30YrCancerDerived_InhSoilDermMMilk	1.18E-05
1130	ALL		668782.3	4344041	1.18E-05	30YrCancerDerived_InhSoilDermMMilk	1.18E-05
1420	ALL		669102.3	4344181	1.15E-05	30YrCancerDerived_InhSoilDermMMilk	1.15E-05
1213	ALL		669022.3	4344081	1.15E-05	30YrCancerDerived_InhSoilDermMMilk	1.15E-05
1092	ALL		668762.3	4344021	1.14E-05	30YrCancerDerived_InhSoilDermMMilk	1.14E-05
1636	ALL		669182.3	4344281	1.13E-05	30YrCancerDerived_InhSoilDermMMilk	1.13E-05
1463	ALL		669122.3	4344201	1.11E-05	30YrCancerDerived_InhSoilDermMMilk	1.11E-05
1057	ALL		668742.3	4344001	1.11E-05	30YrCancerDerived_InhSoilDermMMilk	1.11E-05
1546	ALL		668942.3	4344241	1.11E-05	30YrCancerDerived_InhSoilDermMMilk	1.11E-05
952	ALL		668682.3	4343921	1.10E-05	30YrCancerDerived_InhSoilDermMMilk	1.10E-05
1681	ALL		669202.3	4344301	1.09E-05	30YrCancerDerived_InhSoilDermMMilk	1.09E-05
1255	ALL		669042.3	4344101	1.09E-05	30YrCancerDerived_InhSoilDermMMilk	1.09E-05
1727	ALL		669222.3	4344321	1.08E-05	30YrCancerDerived_InhSoilDermMMilk	1.08E-05
1503	ALL		668922.3	4344221	1.07E-05	30YrCancerDerived_InhSoilDermMMilk	1.07E-05
1025	ALL		668722.3	4343981	1.06E-05	30YrCancerDerived_InhSoilDermMMilk	1.06E-05
1722	ALL		669002.3	4344321	1.06E-05	30YrCancerDerived_InhSoilDermMMilk	1.06E-05
1211	ALL		668802.3	4344081	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05
1507	ALL		669142.3	4344221	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05
1677	ALL		668982.3	4344301	1.03E-05	30YrCancerDerived_InhSoilDermMMilk	1.03E-05
1170	ALL		668782.3	4344061	1.03E-05	30YrCancerDerived_InhSoilDermMMilk	1.03E-05
841	ALL		668582.3	4343821	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05
821	ALL		668562.3	4343801	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05
1296	ALL		669062.3	4344121	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05
719	ALL		668682.3	4343701	1.01E-05	30YrCancerDerived_InhSoilDermMMilk	1.01E-05
1633	ALL		668962.3	4344281	1.01E-05	30YrCancerDerived_InhSoilDermMMilk	1.01E-05
1129	ALL		668762.3	4344041	1.01E-05	30YrCancerDerived_InhSoilDermMMilk	1.01E-05

744	ALL	668702.3	4343721	1.00E-05	30YrCancerDerived_InhSoilDermMMilk	1.00E-05
1550	ALL	669162.3	4344241	1.00E-05	30YrCancerDerived_InhSoilDermMMilk	1.00E-05
767	ALL	668722.3	4343741	9.92E-06	30YrCancerDerived_InhSoilDermMMilk	9.92E-06
1335	ALL	669082.3	4344141	9.81E-06	30YrCancerDerived_InhSoilDermMMilk	9.81E-06
860	ALL	668822.3	4343841	9.79E-06	30YrCancerDerived_InhSoilDermMMilk	9.79E-06
1091	ALL	668742.3	4344021	9.79E-06	30YrCancerDerived_InhSoilDermMMilk	9.79E-06
879	ALL	668842.3	4343861	9.73E-06	30YrCancerDerived_InhSoilDermMMilk	9.73E-06
1333	ALL	668842.3	4344141	9.71E-06	30YrCancerDerived_InhSoilDermMMilk	9.71E-06
1171	ALL	669022.3	4344061	9.67E-06	30YrCancerDerived_InhSoilDermMMilk	9.67E-06
1593	ALL	669182.3	4344261	9.57E-06	30YrCancerDerived_InhSoilDermMMilk	9.57E-06
974	ALL	668682.3	4343941	9.48E-06	30YrCancerDerived_InhSoilDermMMilk	9.48E-06
1056	ALL	668722.3	4344001	9.46E-06	30YrCancerDerived_InhSoilDermMMilk	9.46E-06
1253	ALL	668802.3	4344101	9.37E-06	30YrCancerDerived_InhSoilDermMMilk	9.37E-06
1377	ALL	669102.3	4344161	9.36E-06	30YrCancerDerived_InhSoilDermMMilk	9.36E-06
1210	ALL	668782.3	4344081	9.21E-06	30YrCancerDerived_InhSoilDermMMilk	9.21E-06
1637	ALL	669202.3	4344281	9.17E-06	30YrCancerDerived_InhSoilDermMMilk	9.17E-06
1721	ALL	668982.3	4344321	9.16E-06	30YrCancerDerived_InhSoilDermMMilk	9.16E-06
1214	ALL	669042.3	4344081	9.12E-06	30YrCancerDerived_InhSoilDermMMilk	9.12E-06
1421	ALL	669122.3	4344181	9.11E-06	30YrCancerDerived_InhSoilDermMMilk	9.11E-06
1728	ALL	669242.3	4344321	9.10E-06	30YrCancerDerived_InhSoilDermMMilk	9.10E-06
1682	ALL	669222.3	4344301	9.06E-06	30YrCancerDerived_InhSoilDermMMilk	9.06E-06
1169	ALL	668762.3	4344061	9.02E-06	30YrCancerDerived_InhSoilDermMMilk	9.02E-06
1676	ALL	668962.3	4344301	9.00E-06	30YrCancerDerived_InhSoilDermMMilk	9.00E-06
951	ALL	668662.3	4343921	8.93E-06	30YrCancerDerived_InhSoilDermMMilk	8.93E-06
1416	ALL	668862.3	4344181	8.93E-06	30YrCancerDerived_InhSoilDermMMilk	8.93E-06
441	ALL	668542.3	4343541	8.91E-06	30YrCancerDerived_InhSoilDermMMilk	8.91E-06
1464	ALL	669142.3	4344201	8.90E-06	30YrCancerDerived_InhSoilDermMMilk	8.90E-06
1632	ALL	668942.3	4344281	8.83E-06	30YrCancerDerived_InhSoilDermMMilk	8.83E-06
485	ALL	668562.3	4343561	8.82E-06	30YrCancerDerived_InhSoilDermMMilk	8.82E-06
1374	ALL	668842.3	4344161	8.76E-06	30YrCancerDerived_InhSoilDermMMilk	8.76E-06
1128	ALL	668742.3	4344041	8.76E-06	30YrCancerDerived_InhSoilDermMMilk	8.76E-06
720	ALL	668702.3	4343701	8.65E-06	30YrCancerDerived_InhSoilDermMMilk	8.65E-06
840	ALL	668562.3	4343821	8.57E-06	30YrCancerDerived_InhSoilDermMMilk	8.57E-06
1090	ALL	668722.3	4344021	8.55E-06	30YrCancerDerived_InhSoilDermMMilk	8.55E-06
1508	ALL	669162.3	4344221	8.54E-06	30YrCancerDerived_InhSoilDermMMilk	8.54E-06
745	ALL	668722.3	4343721	8.53E-06	30YrCancerDerived_InhSoilDermMMilk	8.53E-06
1256	ALL	669062.3	4344101	8.52E-06	30YrCancerDerived_InhSoilDermMMilk	8.52E-06
820	ALL	668542.3	4343801	8.52E-06	30YrCancerDerived_InhSoilDermMMilk	8.52E-06
904	ALL	668882.3	4343881	8.44E-06	30YrCancerDerived_InhSoilDermMMilk	8.44E-06
843	ALL	668822.3	4343821	8.44E-06	30YrCancerDerived_InhSoilDermMMilk	8.44E-06
926	ALL	668902.3	4343901	8.44E-06	30YrCancerDerived_InhSoilDermMMilk	8.44E-06
880	ALL	668862.3	4343861	8.40E-06	30YrCancerDerived_InhSoilDermMMilk	8.40E-06
1252	ALL	668782.3	4344101	8.31E-06	30YrCancerDerived_InhSoilDermMMilk	8.31E-06
1502	ALL	668882.3	4344221	8.29E-06	30YrCancerDerived_InhSoilDermMMilk	8.29E-06
1551	ALL	669182.3	4344241	8.26E-06	30YrCancerDerived_InhSoilDermMMilk	8.26E-06
1209	ALL	668762.3	4344081	8.18E-06	30YrCancerDerived_InhSoilDermMMilk	8.18E-06
1055	ALL	668702.3	4344001	8.17E-06	30YrCancerDerived_InhSoilDermMMilk	8.17E-06
1459	ALL	668862.3	4344201	8.11E-06	30YrCancerDerived_InhSoilDermMMilk	8.11E-06
1720	ALL	668962.3	4344321	8.10E-06	30YrCancerDerived_InhSoilDermMMilk	8.10E-06
1297	ALL	669082.3	4344121	8.08E-06	30YrCancerDerived_InhSoilDermMMilk	8.08E-06
973	ALL	668662.3	4343941	8.06E-06	30YrCancerDerived_InhSoilDermMMilk	8.06E-06
1168	ALL	668742.3	4344061	7.99E-06	30YrCancerDerived_InhSoilDermMMilk	7.99E-06
1675	ALL	668942.3	4344301	7.98E-06	30YrCancerDerived_InhSoilDermMMilk	7.98E-06
1415	ALL	668842.3	4344181	7.97E-06	30YrCancerDerived_InhSoilDermMMilk	7.97E-06
1594	ALL	669202.3	4344261	7.95E-06	30YrCancerDerived_InhSoilDermMMilk	7.95E-06
1172	ALL	669042.3	4344061	7.90E-06	30YrCancerDerived_InhSoilDermMMilk	7.90E-06
1336	ALL	669102.3	4344141	7.86E-06	30YrCancerDerived_InhSoilDermMMilk	7.86E-06
1631	ALL	668922.3	4344281	7.85E-06	30YrCancerDerived_InhSoilDermMMilk	7.85E-06
1729	ALL	669262.3	4344321	7.84E-06	30YrCancerDerived_InhSoilDermMMilk	7.84E-06
1373	ALL	668822.3	4344161	7.82E-06	30YrCancerDerived_InhSoilDermMMilk	7.82E-06
1683	ALL	669242.3	4344301	7.77E-06	30YrCancerDerived_InhSoilDermMMilk	7.77E-06
1127	ALL	668722.3	4344041	7.76E-06	30YrCancerDerived_InhSoilDermMMilk	7.76E-06
1638	ALL	669222.3	4344281	7.69E-06	30YrCancerDerived_InhSoilDermMMilk	7.69E-06
398	ALL	668542.3	4343521	7.69E-06	30YrCancerDerived_InhSoilDermMMilk	7.69E-06
1588	ALL	668902.3	4344261	7.69E-06	30YrCancerDerived_InhSoilDermMMilk	7.69E-06
442	ALL	668562.3	4343541	7.62E-06	30YrCancerDerived_InhSoilDermMMilk	7.62E-06
1378	ALL	669122.3	4344161	7.59E-06	30YrCancerDerived_InhSoilDermMMilk	7.59E-06
1089	ALL	668702.3	4344021	7.58E-06	30YrCancerDerived_InhSoilDermMMilk	7.58E-06
1293	ALL	668782.3	4344121	7.57E-06	30YrCancerDerived_InhSoilDermMMilk	7.57E-06
1545	ALL	668882.3	4344241	7.56E-06	30YrCancerDerived_InhSoilDermMMilk	7.56E-06
486	ALL	668582.3	4343561	7.56E-06	30YrCancerDerived_InhSoilDermMMilk	7.56E-06
721	ALL	668722.3	4343701	7.52E-06	30YrCancerDerived_InhSoilDermMMilk	7.52E-06
1422	ALL	669142.3	4344181	7.51E-06	30YrCancerDerived_InhSoilDermMMilk	7.51E-06
997	ALL	668662.3	4343961	7.47E-06	30YrCancerDerived_InhSoilDermMMilk	7.47E-06
1251	ALL	668762.3	4344101	7.46E-06	30YrCancerDerived_InhSoilDermMMilk	7.46E-06
905	ALL	668902.3	4343881	7.46E-06	30YrCancerDerived_InhSoilDermMMilk	7.46E-06
746	ALL	668742.3	4343721	7.45E-06	30YrCancerDerived_InhSoilDermMMilk	7.45E-06
859	ALL	668562.3	4343841	7.44E-06	30YrCancerDerived_InhSoilDermMMilk	7.44E-06
902	ALL	668602.3	4343881	7.42E-06	30YrCancerDerived_InhSoilDermMMilk	7.42E-06
1501	ALL	668862.3	4344221	7.42E-06	30YrCancerDerived_InhSoilDermMMilk	7.42E-06
927	ALL	668922.3	4343901	7.41E-06	30YrCancerDerived_InhSoilDermMMilk	7.41E-06

839	ALL	668542.3	4343821	7.41E-06	30YrCancerDerived_InhSoilDermMMilk	7.41E-06
844	ALL	668842.3	4343821	7.41E-06	30YrCancerDerived_InhSoilDermMMilk	7.41E-06
1465	ALL	669162.3	4344201	7.37E-06	30YrCancerDerived_InhSoilDermMMilk	7.37E-06
1215	ALL	669062.3	4344081	7.37E-06	30YrCancerDerived_InhSoilDermMMilk	7.37E-06
861	ALL	668862.3	4343841	7.36E-06	30YrCancerDerived_InhSoilDermMMilk	7.36E-06
1208	ALL	668742.3	4344081	7.34E-06	30YrCancerDerived_InhSoilDermMMilk	7.34E-06
1054	ALL	668682.3	4344001	7.31E-06	30YrCancerDerived_InhSoilDermMMilk	7.31E-06
1458	ALL	668842.3	4344201	7.29E-06	30YrCancerDerived_InhSoilDermMMilk	7.29E-06
1719	ALL	668942.3	4344321	7.26E-06	30YrCancerDerived_InhSoilDermMMilk	7.26E-06
976	ALL	668962.3	4343941	7.24E-06	30YrCancerDerived_InhSoilDermMMilk	7.24E-06
1414	ALL	668822.3	4344181	7.17E-06	30YrCancerDerived_InhSoilDermMMilk	7.17E-06
1167	ALL	668722.3	4344061	7.17E-06	30YrCancerDerived_InhSoilDermMMilk	7.17E-06
1509	ALL	669182.3	4344221	7.16E-06	30YrCancerDerived_InhSoilDermMMilk	7.16E-06
1674	ALL	668922.3	4344301	7.16E-06	30YrCancerDerived_InhSoilDermMMilk	7.16E-06
1630	ALL	668902.3	4344281	7.06E-06	30YrCancerDerived_InhSoilDermMMilk	7.06E-06
1372	ALL	668802.3	4344161	7.05E-06	30YrCancerDerived_InhSoilDermMMilk	7.05E-06
972	ALL	668642.3	4343941	7.05E-06	30YrCancerDerived_InhSoilDermMMilk	7.05E-06
1126	ALL	668702.3	4344041	6.99E-06	30YrCancerDerived_InhSoilDermMMilk	6.99E-06
1132	ALL	669042.3	4344041	6.97E-06	30YrCancerDerived_InhSoilDermMMilk	6.97E-06
1552	ALL	669202.3	4344241	6.95E-06	30YrCancerDerived_InhSoilDermMMilk	6.95E-06
1587	ALL	668882.3	4344261	6.94E-06	30YrCancerDerived_InhSoilDermMMilk	6.94E-06
1730	ALL	669282.3	4344321	6.90E-06	30YrCancerDerived_InhSoilDermMMilk	6.90E-06
1684	ALL	669262.3	4344301	6.86E-06	30YrCancerDerived_InhSoilDermMMilk	6.86E-06
1088	ALL	668682.3	4344021	6.86E-06	30YrCancerDerived_InhSoilDermMMilk	6.86E-06
1292	ALL	668762.3	4344121	6.84E-06	30YrCancerDerived_InhSoilDermMMilk	6.84E-06
1544	ALL	668862.3	4344241	6.83E-06	30YrCancerDerived_InhSoilDermMMilk	6.83E-06
1595	ALL	669222.3	4344261	6.81E-06	30YrCancerDerived_InhSoilDermMMilk	6.81E-06
1257	ALL	669082.3	4344101	6.80E-06	30YrCancerDerived_InhSoilDermMMilk	6.80E-06
901	ALL	668582.3	4343881	6.77E-06	30YrCancerDerived_InhSoilDermMMilk	6.77E-06
1250	ALL	668742.3	4344101	6.75E-06	30YrCancerDerived_InhSoilDermMMilk	6.75E-06
355	ALL	668542.3	4343501	6.74E-06	30YrCancerDerived_InhSoilDermMMilk	6.74E-06
687	ALL	668722.3	4343681	6.72E-06	30YrCancerDerived_InhSoilDermMMilk	6.72E-06
399	ALL	668562.3	4343521	6.71E-06	30YrCancerDerived_InhSoilDermMMilk	6.71E-06
1500	ALL	668842.3	4344221	6.71E-06	30YrCancerDerived_InhSoilDermMMilk	6.71E-06
1639	ALL	669242.3	4344281	6.71E-06	30YrCancerDerived_InhSoilDermMMilk	6.71E-06
312	ALL	668522.3	4343481	6.71E-06	30YrCancerDerived_InhSoilDermMMilk	6.71E-06
996	ALL	668642.3	4343961	6.70E-06	30YrCancerDerived_InhSoilDermMMilk	6.70E-06
878	ALL	668562.3	4343861	6.70E-06	30YrCancerDerived_InhSoilDermMMilk	6.70E-06
570	ALL	668642.3	4343601	6.70E-06	30YrCancerDerived_InhSoilDermMMilk	6.70E-06
443	ALL	668582.3	4343541	6.67E-06	30YrCancerDerived_InhSoilDermMMilk	6.67E-06
1298	ALL	669102.3	4344121	6.66E-06	30YrCancerDerived_InhSoilDermMMilk	6.66E-06
722	ALL	668742.3	4343701	6.66E-06	30YrCancerDerived_InhSoilDermMMilk	6.66E-06
1207	ALL	668722.3	4344081	6.65E-06	30YrCancerDerived_InhSoilDermMMilk	6.65E-06
925	ALL	668602.3	4343901	6.65E-06	30YrCancerDerived_InhSoilDermMMilk	6.65E-06
881	ALL	668902.3	4343861	6.64E-06	30YrCancerDerived_InhSoilDermMMilk	6.64E-06
487	ALL	668602.3	4343561	6.63E-06	30YrCancerDerived_InhSoilDermMMilk	6.63E-06
822	ALL	668842.3	4343801	6.62E-06	30YrCancerDerived_InhSoilDermMMilk	6.62E-06
747	ALL	668762.3	4343721	6.62E-06	30YrCancerDerived_InhSoilDermMMilk	6.62E-06
906	ALL	668922.3	4343881	6.62E-06	30YrCancerDerived_InhSoilDermMMilk	6.62E-06
858	ALL	668542.3	4343841	6.61E-06	30YrCancerDerived_InhSoilDermMMilk	6.61E-06
1457	ALL	668822.3	4344201	6.61E-06	30YrCancerDerived_InhSoilDermMMilk	6.61E-06
862	ALL	668882.3	4343841	6.58E-06	30YrCancerDerived_InhSoilDermMMilk	6.58E-06
1173	ALL	669062.3	4344061	6.57E-06	30YrCancerDerived_InhSoilDermMMilk	6.57E-06
928	ALL	668942.3	4343901	6.57E-06	30YrCancerDerived_InhSoilDermMMilk	6.57E-06
838	ALL	668522.3	4343821	6.57E-06	30YrCancerDerived_InhSoilDermMMilk	6.57E-06
1718	ALL	668922.3	4344321	6.56E-06	30YrCancerDerived_InhSoilDermMMilk	6.56E-06
1337	ALL	669122.3	4344141	6.51E-06	30YrCancerDerived_InhSoilDermMMilk	6.51E-06
1166	ALL	668702.3	4344061	6.50E-06	30YrCancerDerived_InhSoilDermMMilk	6.50E-06
1413	ALL	668802.3	4344181	6.50E-06	30YrCancerDerived_InhSoilDermMMilk	6.50E-06
1024	ALL	668642.3	4343981	6.50E-06	30YrCancerDerived_InhSoilDermMMilk	6.50E-06
1673	ALL	668902.3	4344301	6.49E-06	30YrCancerDerived_InhSoilDermMMilk	6.49E-06
953	ALL	668962.3	4343921	6.47E-06	30YrCancerDerived_InhSoilDermMMilk	6.47E-06
1629	ALL	668882.3	4344281	6.41E-06	30YrCancerDerived_InhSoilDermMMilk	6.41E-06
1371	ALL	668782.3	4344161	6.41E-06	30YrCancerDerived_InhSoilDermMMilk	6.41E-06
1423	ALL	669162.3	4344181	6.40E-06	30YrCancerDerived_InhSoilDermMMilk	6.40E-06
1379	ALL	669142.3	4344161	6.39E-06	30YrCancerDerived_InhSoilDermMMilk	6.39E-06
1125	ALL	668682.3	4344041	6.38E-06	30YrCancerDerived_InhSoilDermMMilk	6.38E-06
977	ALL	668982.3	4343941	6.36E-06	30YrCancerDerived_InhSoilDermMMilk	6.36E-06
1586	ALL	668862.3	4344261	6.31E-06	30YrCancerDerived_InhSoilDermMMilk	6.31E-06
1332	ALL	668762.3	4344141	6.30E-06	30YrCancerDerived_InhSoilDermMMilk	6.30E-06
1466	ALL	669182.3	4344201	6.29E-06	30YrCancerDerived_InhSoilDermMMilk	6.29E-06
1087	ALL	668662.3	4344021	6.27E-06	30YrCancerDerived_InhSoilDermMMilk	6.27E-06
924	ALL	668582.3	4343901	6.24E-06	30YrCancerDerived_InhSoilDermMMilk	6.24E-06
1291	ALL	668742.3	4344121	6.22E-06	30YrCancerDerived_InhSoilDermMMilk	6.22E-06
1543	ALL	668842.3	4344241	6.22E-06	30YrCancerDerived_InhSoilDermMMilk	6.22E-06
950	ALL	668602.3	4343921	6.21E-06	30YrCancerDerived_InhSoilDermMMilk	6.21E-06
900	ALL	668562.3	4343881	6.20E-06	30YrCancerDerived_InhSoilDermMMilk	6.20E-06
1000	ALL	669002.3	4343961	6.19E-06	30YrCancerDerived_InhSoilDermMMilk	6.19E-06
1731	ALL	669302.3	4344321	6.16E-06	30YrCancerDerived_InhSoilDermMMilk	6.16E-06
1685	ALL	669282.3	4344301	6.15E-06	30YrCancerDerived_InhSoilDermMMilk	6.15E-06
1249	ALL	668722.3	4344101	6.15E-06	30YrCancerDerived_InhSoilDermMMilk	6.15E-06

1053	ALL	668642.3	4344001	6.14E-06	30YrCancerDerived_InhSoilDermMMilk	6.14E-06
1499	ALL	668822.3	4344221	6.13E-06	30YrCancerDerived_InhSoilDermMMilk	6.13E-06
1216	ALL	669082.3	4344081	6.09E-06	30YrCancerDerived_InhSoilDermMMilk	6.09E-06
1510	ALL	669202.3	4344221	6.08E-06	30YrCancerDerived_InhSoilDermMMilk	6.08E-06
1640	ALL	669262.3	4344281	6.07E-06	30YrCancerDerived_InhSoilDermMMilk	6.07E-06
1206	ALL	668702.3	4344081	6.07E-06	30YrCancerDerived_InhSoilDermMMilk	6.07E-06
877	ALL	668542.3	4343861	6.07E-06	30YrCancerDerived_InhSoilDermMMilk	6.07E-06
1456	ALL	668802.3	4344201	6.03E-06	30YrCancerDerived_InhSoilDermMMilk	6.03E-06
1553	ALL	669222.3	4344241	6.02E-06	30YrCancerDerived_InhSoilDermMMilk	6.02E-06
571	ALL	668662.3	4343601	6.02E-06	30YrCancerDerived_InhSoilDermMMilk	6.02E-06
688	ALL	668742.3	4343681	6.02E-06	30YrCancerDerived_InhSoilDermMMilk	6.02E-06
1596	ALL	669242.3	4344261	6.01E-06	30YrCancerDerived_InhSoilDermMMilk	6.01E-06
857	ALL	668522.3	4343841	6.00E-06	30YrCancerDerived_InhSoilDermMMilk	6.00E-06
529	ALL	668642.3	4343581	5.99E-06	30YrCancerDerived_InhSoilDermMMilk	5.99E-06
1023	ALL	668622.3	4343981	5.99E-06	30YrCancerDerived_InhSoilDermMMilk	5.99E-06
1717	ALL	668902.3	4344321	5.98E-06	30YrCancerDerived_InhSoilDermMMilk	5.98E-06
356	ALL	668562.3	4343501	5.98E-06	30YrCancerDerived_InhSoilDermMMilk	5.98E-06
723	ALL	668762.3	4343701	5.98E-06	30YrCancerDerived_InhSoilDermMMilk	5.98E-06
1133	ALL	669062.3	4344041	5.97E-06	30YrCancerDerived_InhSoilDermMMilk	5.97E-06
882	ALL	668922.3	4343861	5.97E-06	30YrCancerDerived_InhSoilDermMMilk	5.97E-06
313	ALL	668542.3	4343481	5.96E-06	30YrCancerDerived_InhSoilDermMMilk	5.96E-06
1165	ALL	668682.3	4344061	5.95E-06	30YrCancerDerived_InhSoilDermMMilk	5.95E-06
1412	ALL	668782.3	4344181	5.94E-06	30YrCancerDerived_InhSoilDermMMilk	5.94E-06
1672	ALL	668882.3	4344301	5.92E-06	30YrCancerDerived_InhSoilDermMMilk	5.92E-06
845	ALL	668882.3	4343821	5.92E-06	30YrCancerDerived_InhSoilDermMMilk	5.92E-06
949	ALL	668582.3	4343921	5.87E-06	30YrCancerDerived_InhSoilDermMMilk	5.87E-06
1628	ALL	668862.3	4344281	5.87E-06	30YrCancerDerived_InhSoilDermMMilk	5.87E-06
1370	ALL	668762.3	4344161	5.86E-06	30YrCancerDerived_InhSoilDermMMilk	5.86E-06
929	ALL	668962.3	4343901	5.84E-06	30YrCancerDerived_InhSoilDermMMilk	5.84E-06
1124	ALL	668662.3	4344041	5.84E-06	30YrCancerDerived_InhSoilDermMMilk	5.84E-06
923	ALL	668562.3	4343901	5.80E-06	30YrCancerDerived_InhSoilDermMMilk	5.80E-06
1585	ALL	668842.3	4344261	5.79E-06	30YrCancerDerived_InhSoilDermMMilk	5.79E-06
1258	ALL	669102.3	4344101	5.77E-06	30YrCancerDerived_InhSoilDermMMilk	5.77E-06
1331	ALL	668742.3	4344141	5.76E-06	30YrCancerDerived_InhSoilDermMMilk	5.76E-06
954	ALL	668982.3	4343921	5.75E-06	30YrCancerDerived_InhSoilDermMMilk	5.75E-06
1086	ALL	668642.3	4344021	5.72E-06	30YrCancerDerived_InhSoilDermMMilk	5.72E-06
1542	ALL	668822.3	4344241	5.70E-06	30YrCancerDerived_InhSoilDermMMilk	5.70E-06
1290	ALL	668722.3	4344121	5.70E-06	30YrCancerDerived_InhSoilDermMMilk	5.70E-06
899	ALL	668542.3	4343881	5.69E-06	30YrCancerDerived_InhSoilDermMMilk	5.69E-06
1299	ALL	669122.3	4344121	5.66E-06	30YrCancerDerived_InhSoilDermMMilk	5.66E-06
1174	ALL	669082.3	4344061	5.65E-06	30YrCancerDerived_InhSoilDermMMilk	5.65E-06
978	ALL	669002.3	4343941	5.64E-06	30YrCancerDerived_InhSoilDermMMilk	5.64E-06
1248	ALL	668702.3	4344101	5.64E-06	30YrCancerDerived_InhSoilDermMMilk	5.64E-06
1498	ALL	668802.3	4344221	5.62E-06	30YrCancerDerived_InhSoilDermMMilk	5.62E-06
1052	ALL	668622.3	4344001	5.61E-06	30YrCancerDerived_InhSoilDermMMilk	5.61E-06
1424	ALL	669182.3	4344181	5.59E-06	30YrCancerDerived_InhSoilDermMMilk	5.59E-06
1686	ALL	669302.3	4344301	5.58E-06	30YrCancerDerived_InhSoilDermMMilk	5.58E-06
1380	ALL	669162.3	4344161	5.58E-06	30YrCancerDerived_InhSoilDermMMilk	5.58E-06
1338	ALL	669142.3	4344141	5.58E-06	30YrCancerDerived_InhSoilDermMMilk	5.58E-06
876	ALL	668522.3	4343861	5.57E-06	30YrCancerDerived_InhSoilDermMMilk	5.57E-06
1205	ALL	668682.3	4344081	5.56E-06	30YrCancerDerived_InhSoilDermMMilk	5.56E-06
1641	ALL	669282.3	4344281	5.53E-06	30YrCancerDerived_InhSoilDermMMilk	5.53E-06
1455	ALL	668782.3	4344201	5.53E-06	30YrCancerDerived_InhSoilDermMMilk	5.53E-06
1732	ALL	669322.3	4344321	5.52E-06	30YrCancerDerived_InhSoilDermMMilk	5.52E-06
1716	ALL	668882.3	4344321	5.49E-06	30YrCancerDerived_InhSoilDermMMilk	5.49E-06
1467	ALL	669202.3	4344201	5.49E-06	30YrCancerDerived_InhSoilDermMMilk	5.49E-06
948	ALL	668562.3	4343921	5.47E-06	30YrCancerDerived_InhSoilDermMMilk	5.47E-06
856	ALL	668502.3	4343841	5.46E-06	30YrCancerDerived_InhSoilDermMMilk	5.46E-06
1164	ALL	668662.3	4344061	5.46E-06	30YrCancerDerived_InhSoilDermMMilk	5.46E-06
572	ALL	668682.3	4343601	5.46E-06	30YrCancerDerived_InhSoilDermMMilk	5.46E-06
1411	ALL	668762.3	4344181	5.46E-06	30YrCancerDerived_InhSoilDermMMilk	5.46E-06
1671	ALL	668862.3	4344301	5.45E-06	30YrCancerDerived_InhSoilDermMMilk	5.45E-06
689	ALL	668762.3	4343681	5.45E-06	30YrCancerDerived_InhSoilDermMMilk	5.45E-06
1597	ALL	669262.3	4344261	5.44E-06	30YrCancerDerived_InhSoilDermMMilk	5.44E-06
530	ALL	668662.3	4343581	5.44E-06	30YrCancerDerived_InhSoilDermMMilk	5.44E-06
803	ALL	668862.3	4343781	5.43E-06	30YrCancerDerived_InhSoilDermMMilk	5.43E-06
724	ALL	668782.3	4343701	5.42E-06	30YrCancerDerived_InhSoilDermMMilk	5.42E-06
846	ALL	668902.3	4343821	5.41E-06	30YrCancerDerived_InhSoilDermMMilk	5.41E-06
488	ALL	668642.3	4343561	5.40E-06	30YrCancerDerived_InhSoilDermMMilk	5.40E-06
1627	ALL	668842.3	4344281	5.40E-06	30YrCancerDerived_InhSoilDermMMilk	5.40E-06
1369	ALL	668742.3	4344161	5.39E-06	30YrCancerDerived_InhSoilDermMMilk	5.39E-06
1554	ALL	669242.3	4344241	5.37E-06	30YrCancerDerived_InhSoilDermMMilk	5.37E-06
922	ALL	668542.3	4343901	5.36E-06	30YrCancerDerived_InhSoilDermMMilk	5.36E-06
1123	ALL	668642.3	4344041	5.34E-06	30YrCancerDerived_InhSoilDermMMilk	5.34E-06
1584	ALL	668822.3	4344261	5.31E-06	30YrCancerDerived_InhSoilDermMMilk	5.31E-06
1511	ALL	669222.3	4344221	5.31E-06	30YrCancerDerived_InhSoilDermMMilk	5.31E-06
1134	ALL	669082.3	4344041	5.31E-06	30YrCancerDerived_InhSoilDermMMilk	5.31E-06
1330	ALL	668722.3	4344141	5.30E-06	30YrCancerDerived_InhSoilDermMMilk	5.30E-06
898	ALL	668522.3	4343881	5.26E-06	30YrCancerDerived_InhSoilDermMMilk	5.26E-06
1541	ALL	668802.3	4344241	5.25E-06	30YrCancerDerived_InhSoilDermMMilk	5.25E-06
1217	ALL	669102.3	4344081	5.25E-06	30YrCancerDerived_InhSoilDermMMilk	5.25E-06

1289	ALL	668702.3	4344121	5.24E-06	30YrCancerDerived_InhSoilDermMMilk	5.24E-06
930	ALL	668982.3	4343901	5.24E-06	30YrCancerDerived_InhSoilDermMMilk	5.24E-06
1085	ALL	668622.3	4344021	5.23E-06	30YrCancerDerived_InhSoilDermMMilk	5.23E-06
1247	ALL	668682.3	4344101	5.19E-06	30YrCancerDerived_InhSoilDermMMilk	5.19E-06
1497	ALL	668782.3	4344221	5.18E-06	30YrCancerDerived_InhSoilDermMMilk	5.18E-06
955	ALL	669002.3	4343921	5.16E-06	30YrCancerDerived_InhSoilDermMMilk	5.16E-06
875	ALL	668502.3	4343861	5.14E-06	30YrCancerDerived_InhSoilDermMMilk	5.14E-06
1051	ALL	668602.3	4344001	5.13E-06	30YrCancerDerived_InhSoilDermMMilk	5.13E-06
1204	ALL	668662.3	4344081	5.12E-06	30YrCancerDerived_InhSoilDermMMilk	5.12E-06
1687	ALL	669322.3	4344301	5.10E-06	30YrCancerDerived_InhSoilDermMMilk	5.10E-06
1454	ALL	668762.3	4344201	5.10E-06	30YrCancerDerived_InhSoilDermMMilk	5.10E-06
1642	ALL	669302.3	4344281	5.08E-06	30YrCancerDerived_InhSoilDermMMilk	5.08E-06
1715	ALL	668862.3	4344321	5.08E-06	30YrCancerDerived_InhSoilDermMMilk	5.08E-06
947	ALL	668542.3	4343921	5.06E-06	30YrCancerDerived_InhSoilDermMMilk	5.06E-06
1670	ALL	668842.3	4344301	5.05E-06	30YrCancerDerived_InhSoilDermMMilk	5.05E-06
1410	ALL	668742.3	4344181	5.03E-06	30YrCancerDerived_InhSoilDermMMilk	5.03E-06
1598	ALL	669282.3	4344261	5.02E-06	30YrCancerDerived_InhSoilDermMMilk	5.02E-06
1163	ALL	668642.3	4344061	5.02E-06	30YrCancerDerived_InhSoilDermMMilk	5.02E-06
1259	ALL	669122.3	4344101	5.01E-06	30YrCancerDerived_InhSoilDermMMilk	5.01E-06
1733	ALL	669342.3	4344321	5.00E-06	30YrCancerDerived_InhSoilDermMMilk	5.00E-06
573	ALL	668702.3	4343601	4.99E-06	30YrCancerDerived_InhSoilDermMMilk	4.99E-06
1425	ALL	669202.3	4344181	4.99E-06	30YrCancerDerived_InhSoilDermMMilk	4.99E-06
1381	ALL	669182.3	4344161	4.98E-06	30YrCancerDerived_InhSoilDermMMilk	4.98E-06
531	ALL	668682.3	4343581	4.98E-06	30YrCancerDerived_InhSoilDermMMilk	4.98E-06
1626	ALL	668822.3	4344281	4.98E-06	30YrCancerDerived_InhSoilDermMMilk	4.98E-06
789	ALL	668862.3	4343761	4.98E-06	30YrCancerDerived_InhSoilDermMMilk	4.98E-06
690	ALL	668782.3	4343681	4.97E-06	30YrCancerDerived_InhSoilDermMMilk	4.97E-06
1368	ALL	668722.3	4344161	4.97E-06	30YrCancerDerived_InhSoilDermMMilk	4.97E-06
921	ALL	668522.3	4343901	4.97E-06	30YrCancerDerived_InhSoilDermMMilk	4.97E-06
725	ALL	668802.3	4343701	4.96E-06	30YrCancerDerived_InhSoilDermMMilk	4.96E-06
823	ALL	668902.3	4343801	4.96E-06	30YrCancerDerived_InhSoilDermMMilk	4.96E-06
489	ALL	668662.3	4343561	4.95E-06	30YrCancerDerived_InhSoilDermMMilk	4.95E-06
1555	ALL	669262.3	4344241	4.94E-06	30YrCancerDerived_InhSoilDermMMilk	4.94E-06
1175	ALL	669102.3	4344061	4.94E-06	30YrCancerDerived_InhSoilDermMMilk	4.94E-06
1339	ALL	669162.3	4344141	4.94E-06	30YrCancerDerived_InhSoilDermMMilk	4.94E-06
1583	ALL	668802.3	4344261	4.92E-06	30YrCancerDerived_InhSoilDermMMilk	4.92E-06
1300	ALL	669142.3	4344121	4.91E-06	30YrCancerDerived_InhSoilDermMMilk	4.91E-06
1122	ALL	668622.3	4344041	4.89E-06	30YrCancerDerived_InhSoilDermMMilk	4.89E-06
1329	ALL	668702.3	4344141	4.89E-06	30YrCancerDerived_InhSoilDermMMilk	4.89E-06
444	ALL	668642.3	4343541	4.88E-06	30YrCancerDerived_InhSoilDermMMilk	4.88E-06
897	ALL	668502.3	4343881	4.88E-06	30YrCancerDerived_InhSoilDermMMilk	4.88E-06
1540	ALL	668782.3	4344241	4.86E-06	30YrCancerDerived_InhSoilDermMMilk	4.86E-06
1468	ALL	669222.3	4344201	4.86E-06	30YrCancerDerived_InhSoilDermMMilk	4.86E-06
1288	ALL	668682.3	4344121	4.84E-06	30YrCancerDerived_InhSoilDermMMilk	4.84E-06
1512	ALL	669242.3	4344221	4.82E-06	30YrCancerDerived_InhSoilDermMMilk	4.82E-06
1084	ALL	668602.3	4344021	4.80E-06	30YrCancerDerived_InhSoilDermMMilk	4.80E-06
1246	ALL	668662.3	4344101	4.79E-06	30YrCancerDerived_InhSoilDermMMilk	4.79E-06
1496	ALL	668762.3	4344221	4.79E-06	30YrCancerDerived_InhSoilDermMMilk	4.79E-06
971	ALL	668542.3	4343941	4.79E-06	30YrCancerDerived_InhSoilDermMMilk	4.79E-06
874	ALL	668482.3	4343861	4.78E-06	30YrCancerDerived_InhSoilDermMMilk	4.78E-06
819	ALL	668442.3	4343801	4.78E-06	30YrCancerDerived_InhSoilDermMMilk	4.78E-06
1714	ALL	668842.3	4344321	4.73E-06	30YrCancerDerived_InhSoilDermMMilk	4.73E-06
1203	ALL	668642.3	4344081	4.73E-06	30YrCancerDerived_InhSoilDermMMilk	4.73E-06
1453	ALL	668742.3	4344201	4.72E-06	30YrCancerDerived_InhSoilDermMMilk	4.72E-06
1050	ALL	668582.3	4344001	4.72E-06	30YrCancerDerived_InhSoilDermMMilk	4.72E-06
1135	ALL	669102.3	4344041	4.71E-06	30YrCancerDerived_InhSoilDermMMilk	4.71E-06
1643	ALL	669322.3	4344281	4.70E-06	30YrCancerDerived_InhSoilDermMMilk	4.70E-06
946	ALL	668522.3	4343921	4.69E-06	30YrCancerDerived_InhSoilDermMMilk	4.69E-06
1669	ALL	668822.3	4344301	4.68E-06	30YrCancerDerived_InhSoilDermMMilk	4.68E-06
1409	ALL	668722.3	4344181	4.66E-06	30YrCancerDerived_InhSoilDermMMilk	4.66E-06
1599	ALL	669302.3	4344261	4.66E-06	30YrCancerDerived_InhSoilDermMMilk	4.66E-06
1688	ALL	669342.3	4344301	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06
1218	ALL	669122.3	4344081	4.63E-06	30YrCancerDerived_InhSoilDermMMilk	4.63E-06
920	ALL	668502.3	4343901	4.63E-06	30YrCancerDerived_InhSoilDermMMilk	4.63E-06
1162	ALL	668622.3	4344061	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
1625	ALL	668802.3	4344281	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
1556	ALL	669282.3	4344241	4.61E-06	30YrCancerDerived_InhSoilDermMMilk	4.61E-06
574	ALL	668722.3	4343601	4.60E-06	30YrCancerDerived_InhSoilDermMMilk	4.60E-06
790	ALL	668882.3	4343761	4.60E-06	30YrCancerDerived_InhSoilDermMMilk	4.60E-06
532	ALL	668702.3	4343581	4.59E-06	30YrCancerDerived_InhSoilDermMMilk	4.59E-06
1367	ALL	668702.3	4344161	4.59E-06	30YrCancerDerived_InhSoilDermMMilk	4.59E-06
824	ALL	668922.3	4343801	4.59E-06	30YrCancerDerived_InhSoilDermMMilk	4.59E-06
691	ALL	668802.3	4343681	4.58E-06	30YrCancerDerived_InhSoilDermMMilk	4.58E-06
1582	ALL	668782.3	4344261	4.58E-06	30YrCancerDerived_InhSoilDermMMilk	4.58E-06
490	ALL	668682.3	4343561	4.57E-06	30YrCancerDerived_InhSoilDermMMilk	4.57E-06
896	ALL	668482.3	4343881	4.57E-06	30YrCancerDerived_InhSoilDermMMilk	4.57E-06
1734	ALL	669362.3	4344321	4.55E-06	30YrCancerDerived_InhSoilDermMMilk	4.55E-06
1382	ALL	669202.3	4344161	4.53E-06	30YrCancerDerived_InhSoilDermMMilk	4.53E-06
995	ALL	668542.3	4343961	4.53E-06	30YrCancerDerived_InhSoilDermMMilk	4.53E-06
1328	ALL	668682.3	4344141	4.53E-06	30YrCancerDerived_InhSoilDermMMilk	4.53E-06
1513	ALL	669262.3	4344221	4.53E-06	30YrCancerDerived_InhSoilDermMMilk	4.53E-06

1539	ALL	668762.3	4344241	4.52E-06	30YrCancerDerived_InhSoilDermMMilk	4.52E-06
1121	ALL	668602.3	4344041	4.52E-06	30YrCancerDerived_InhSoilDermMMilk	4.52E-06
445	ALL	668662.3	4343541	4.51E-06	30YrCancerDerived_InhSoilDermMMilk	4.51E-06
837	ALL	668442.3	4343821	4.51E-06	30YrCancerDerived_InhSoilDermMMilk	4.51E-06
1426	ALL	669222.3	4344181	4.50E-06	30YrCancerDerived_InhSoilDermMMilk	4.50E-06
1287	ALL	668662.3	4344121	4.49E-06	30YrCancerDerived_InhSoilDermMMilk	4.49E-06
400	ALL	668642.3	4343521	4.47E-06	30YrCancerDerived_InhSoilDermMMilk	4.47E-06
1495	ALL	668742.3	4344221	4.46E-06	30YrCancerDerived_InhSoilDermMMilk	4.46E-06
1245	ALL	668642.3	4344101	4.45E-06	30YrCancerDerived_InhSoilDermMMilk	4.45E-06
1469	ALL	669242.3	4344201	4.44E-06	30YrCancerDerived_InhSoilDermMMilk	4.44E-06
970	ALL	668522.3	4343941	4.43E-06	30YrCancerDerived_InhSoilDermMMilk	4.43E-06
1340	ALL	669182.3	4344141	4.43E-06	30YrCancerDerived_InhSoilDermMMilk	4.43E-06
1001	ALL	669062.3	4343961	4.43E-06	30YrCancerDerived_InhSoilDermMMilk	4.43E-06
873	ALL	668462.3	4343861	4.43E-06	30YrCancerDerived_InhSoilDermMMilk	4.43E-06
1083	ALL	668582.3	4344021	4.42E-06	30YrCancerDerived_InhSoilDermMMilk	4.42E-06
1713	ALL	668822.3	4344321	4.41E-06	30YrCancerDerived_InhSoilDermMMilk	4.41E-06
1260	ALL	669142.3	4344101	4.40E-06	30YrCancerDerived_InhSoilDermMMilk	4.40E-06
1176	ALL	669122.3	4344061	4.40E-06	30YrCancerDerived_InhSoilDermMMilk	4.40E-06
1301	ALL	669162.3	4344121	4.39E-06	30YrCancerDerived_InhSoilDermMMilk	4.39E-06
1452	ALL	668722.3	4344201	4.39E-06	30YrCancerDerived_InhSoilDermMMilk	4.39E-06
945	ALL	668502.3	4343921	4.38E-06	30YrCancerDerived_InhSoilDermMMilk	4.38E-06
1202	ALL	668622.3	4344081	4.37E-06	30YrCancerDerived_InhSoilDermMMilk	4.37E-06
1668	ALL	668802.3	4344301	4.36E-06	30YrCancerDerived_InhSoilDermMMilk	4.36E-06
1644	ALL	669342.3	4344281	4.35E-06	30YrCancerDerived_InhSoilDermMMilk	4.35E-06
919	ALL	668482.3	4343901	4.35E-06	30YrCancerDerived_InhSoilDermMMilk	4.35E-06
1049	ALL	668562.3	4344001	4.35E-06	30YrCancerDerived_InhSoilDermMMilk	4.35E-06
1408	ALL	668702.3	4344181	4.34E-06	30YrCancerDerived_InhSoilDermMMilk	4.34E-06
1600	ALL	669322.3	4344261	4.33E-06	30YrCancerDerived_InhSoilDermMMilk	4.33E-06
1624	ALL	668782.3	4344281	4.31E-06	30YrCancerDerived_InhSoilDermMMilk	4.31E-06
1557	ALL	669302.3	4344241	4.31E-06	30YrCancerDerived_InhSoilDermMMilk	4.31E-06
855	ALL	668442.3	4343841	4.28E-06	30YrCancerDerived_InhSoilDermMMilk	4.28E-06
1022	ALL	668542.3	4343981	4.28E-06	30YrCancerDerived_InhSoilDermMMilk	4.28E-06
1581	ALL	668762.3	4344261	4.27E-06	30YrCancerDerived_InhSoilDermMMilk	4.27E-06
1514	ALL	669282.3	4344221	4.27E-06	30YrCancerDerived_InhSoilDermMMilk	4.27E-06
1161	ALL	668602.3	4344061	4.27E-06	30YrCancerDerived_InhSoilDermMMilk	4.27E-06
768	ALL	668882.3	4343741	4.26E-06	30YrCancerDerived_InhSoilDermMMilk	4.26E-06
1689	ALL	669362.3	4344301	4.26E-06	30YrCancerDerived_InhSoilDermMMilk	4.26E-06
692	ALL	668822.3	4343681	4.26E-06	30YrCancerDerived_InhSoilDermMMilk	4.26E-06
1366	ALL	668682.3	4344161	4.26E-06	30YrCancerDerived_InhSoilDermMMilk	4.26E-06
895	ALL	668462.3	4343881	4.25E-06	30YrCancerDerived_InhSoilDermMMilk	4.25E-06
575	ALL	668742.3	4343601	4.25E-06	30YrCancerDerived_InhSoilDermMMilk	4.25E-06
533	ALL	668722.3	4343581	4.25E-06	30YrCancerDerived_InhSoilDermMMilk	4.25E-06
491	ALL	668702.3	4343561	4.24E-06	30YrCancerDerived_InhSoilDermMMilk	4.24E-06
1136	ALL	669122.3	4344041	4.23E-06	30YrCancerDerived_InhSoilDermMMilk	4.23E-06
1538	ALL	668742.3	4344241	4.22E-06	30YrCancerDerived_InhSoilDermMMilk	4.22E-06
1327	ALL	668662.3	4344141	4.21E-06	30YrCancerDerived_InhSoilDermMMilk	4.21E-06
994	ALL	668522.3	4343961	4.20E-06	30YrCancerDerived_InhSoilDermMMilk	4.20E-06
446	ALL	668682.3	4343541	4.20E-06	30YrCancerDerived_InhSoilDermMMilk	4.20E-06
55	ALL	668482.3	4343361	4.19E-06	30YrCancerDerived_InhSoilDermMMilk	4.19E-06
1470	ALL	669262.3	4344201	4.18E-06	30YrCancerDerived_InhSoilDermMMilk	4.18E-06
1286	ALL	668642.3	4344121	4.18E-06	30YrCancerDerived_InhSoilDermMMilk	4.18E-06
1494	ALL	668722.3	4344221	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-06
1120	ALL	668582.3	4344041	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-06
1219	ALL	669142.3	4344081	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-06
1735	ALL	669382.3	4344321	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-06
1383	ALL	669222.3	4344161	4.16E-06	30YrCancerDerived_InhSoilDermMMilk	4.16E-06
401	ALL	668662.3	4343521	4.16E-06	30YrCancerDerived_InhSoilDermMMilk	4.16E-06
969	ALL	668502.3	4343941	4.15E-06	30YrCancerDerived_InhSoilDermMMilk	4.15E-06
1427	ALL	669242.3	4344181	4.14E-06	30YrCancerDerived_InhSoilDermMMilk	4.14E-06
944	ALL	668482.3	4343921	4.14E-06	30YrCancerDerived_InhSoilDermMMilk	4.14E-06
357	ALL	668642.3	4343501	4.13E-06	30YrCancerDerived_InhSoilDermMMilk	4.13E-06
1244	ALL	668622.3	4344101	4.13E-06	30YrCancerDerived_InhSoilDermMMilk	4.13E-06
1712	ALL	668802.3	4344321	4.12E-06	30YrCancerDerived_InhSoilDermMMilk	4.12E-06
872	ALL	668442.3	4343861	4.12E-06	30YrCancerDerived_InhSoilDermMMilk	4.12E-06
1096	ALL	669122.3	4344021	4.11E-06	30YrCancerDerived_InhSoilDermMMilk	4.11E-06
1451	ALL	668702.3	4344201	4.11E-06	30YrCancerDerived_InhSoilDermMMilk	4.11E-06
1002	ALL	669082.3	4343961	4.11E-06	30YrCancerDerived_InhSoilDermMMilk	4.11E-06
1082	ALL	668562.3	4344021	4.10E-06	30YrCancerDerived_InhSoilDermMMilk	4.10E-06
918	ALL	668462.3	4343901	4.08E-06	30YrCancerDerived_InhSoilDermMMilk	4.08E-06
1667	ALL	668782.3	4344301	4.08E-06	30YrCancerDerived_InhSoilDermMMilk	4.08E-06
1601	ALL	669342.3	4344261	4.06E-06	30YrCancerDerived_InhSoilDermMMilk	4.06E-06
1407	ALL	668682.3	4344181	4.05E-06	30YrCancerDerived_InhSoilDermMMilk	4.05E-06
1048	ALL	668542.3	4344001	4.04E-06	30YrCancerDerived_InhSoilDermMMilk	4.04E-06
1201	ALL	668602.3	4344081	4.04E-06	30YrCancerDerived_InhSoilDermMMilk	4.04E-06
1623	ALL	668762.3	4344281	4.04E-06	30YrCancerDerived_InhSoilDermMMilk	4.04E-06
1558	ALL	669322.3	4344241	4.03E-06	30YrCancerDerived_InhSoilDermMMilk	4.03E-06
1341	ALL	669202.3	4344141	4.02E-06	30YrCancerDerived_InhSoilDermMMilk	4.02E-06
1515	ALL	669302.3	4344221	4.02E-06	30YrCancerDerived_InhSoilDermMMilk	4.02E-06
1645	ALL	669362.3	4344281	4.01E-06	30YrCancerDerived_InhSoilDermMMilk	4.01E-06
1177	ALL	669142.3	4344061	4.00E-06	30YrCancerDerived_InhSoilDermMMilk	4.00E-06
1580	ALL	668742.3	4344261	4.00E-06	30YrCancerDerived_InhSoilDermMMilk	4.00E-06

693	ALL	668842.3	4343681	3.99E-06	30YrCancerDerived_InhSoilDermMMilk	3.99E-06
1471	ALL	669282.3	4344201	3.99E-06	30YrCancerDerived_InhSoilDermMMilk	3.99E-06
665	ALL	668822.3	4343661	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06
1021	ALL	668522.3	4343981	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06
1261	ALL	669162.3	4344101	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06
1302	ALL	669182.3	4344121	3.97E-06	30YrCancerDerived_InhSoilDermMMilk	3.97E-06
894	ALL	668442.3	4343881	3.97E-06	30YrCancerDerived_InhSoilDermMMilk	3.97E-06
1365	ALL	668662.3	4344161	3.97E-06	30YrCancerDerived_InhSoilDermMMilk	3.97E-06
576	ALL	668762.3	4343601	3.96E-06	30YrCancerDerived_InhSoilDermMMilk	3.96E-06
1537	ALL	668722.3	4344241	3.95E-06	30YrCancerDerived_InhSoilDermMMilk	3.95E-06
534	ALL	668742.3	4343581	3.95E-06	30YrCancerDerived_InhSoilDermMMilk	3.95E-06
1160	ALL	668582.3	4344061	3.95E-06	30YrCancerDerived_InhSoilDermMMilk	3.95E-06
492	ALL	668722.3	4343561	3.94E-06	30YrCancerDerived_InhSoilDermMMilk	3.94E-06
993	ALL	668502.3	4343961	3.94E-06	30YrCancerDerived_InhSoilDermMMilk	3.94E-06
968	ALL	668482.3	4343941	3.93E-06	30YrCancerDerived_InhSoilDermMMilk	3.93E-06
1326	ALL	668642.3	4344141	3.93E-06	30YrCancerDerived_InhSoilDermMMilk	3.93E-06
104	ALL	668522.3	4343381	3.92E-06	30YrCancerDerived_InhSoilDermMMilk	3.92E-06
1690	ALL	669382.3	4344301	3.92E-06	30YrCancerDerived_InhSoilDermMMilk	3.92E-06
447	ALL	668702.3	4343541	3.92E-06	30YrCancerDerived_InhSoilDermMMilk	3.92E-06
943	ALL	668462.3	4343921	3.91E-06	30YrCancerDerived_InhSoilDermMMilk	3.91E-06
1493	ALL	668702.3	4344221	3.90E-06	30YrCancerDerived_InhSoilDermMMilk	3.90E-06
1428	ALL	669262.3	4344181	3.90E-06	30YrCancerDerived_InhSoilDermMMilk	3.90E-06
1119	ALL	668562.3	4344041	3.88E-06	30YrCancerDerived_InhSoilDermMMilk	3.88E-06
1285	ALL	668622.3	4344121	3.88E-06	30YrCancerDerived_InhSoilDermMMilk	3.88E-06
402	ALL	668682.3	4343521	3.88E-06	30YrCancerDerived_InhSoilDermMMilk	3.88E-06
1137	ALL	669142.3	4344041	3.88E-06	30YrCancerDerived_InhSoilDermMMilk	3.88E-06
1711	ALL	668782.3	4344321	3.87E-06	30YrCancerDerived_InhSoilDermMMilk	3.87E-06
1384	ALL	669242.3	4344161	3.86E-06	30YrCancerDerived_InhSoilDermMMilk	3.86E-06
56	ALL	668502.3	4343361	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
358	ALL	668662.3	4343501	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
1450	ALL	668682.3	4344201	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
1081	ALL	668542.3	4344021	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
1243	ALL	668602.3	4344101	3.84E-06	30YrCancerDerived_InhSoilDermMMilk	3.84E-06
314	ALL	668642.3	4343481	3.83E-06	30YrCancerDerived_InhSoilDermMMilk	3.83E-06
917	ALL	668442.3	4343901	3.83E-06	30YrCancerDerived_InhSoilDermMMilk	3.83E-06
1666	ALL	668762.3	4344301	3.83E-06	30YrCancerDerived_InhSoilDermMMilk	3.83E-06
1736	ALL	669402.3	4344321	3.82E-06	30YrCancerDerived_InhSoilDermMMilk	3.82E-06
1097	ALL	669142.3	4344021	3.81E-06	30YrCancerDerived_InhSoilDermMMilk	3.81E-06
1622	ALL	668742.3	4344281	3.79E-06	30YrCancerDerived_InhSoilDermMMilk	3.79E-06
1220	ALL	669162.3	4344081	3.79E-06	30YrCancerDerived_InhSoilDermMMilk	3.79E-06
1559	ALL	669342.3	4344241	3.79E-06	30YrCancerDerived_InhSoilDermMMilk	3.79E-06
1047	ALL	668522.3	4344001	3.79E-06	30YrCancerDerived_InhSoilDermMMilk	3.79E-06
1602	ALL	669362.3	4344261	3.78E-06	30YrCancerDerived_InhSoilDermMMilk	3.78E-06
1406	ALL	668662.3	4344181	3.78E-06	30YrCancerDerived_InhSoilDermMMilk	3.78E-06
1472	ALL	669302.3	4344201	3.78E-06	30YrCancerDerived_InhSoilDermMMilk	3.78E-06
1516	ALL	669322.3	4344221	3.77E-06	30YrCancerDerived_InhSoilDermMMilk	3.77E-06
1579	ALL	668722.3	4344261	3.75E-06	30YrCancerDerived_InhSoilDermMMilk	3.75E-06
1200	ALL	668582.3	4344081	3.75E-06	30YrCancerDerived_InhSoilDermMMilk	3.75E-06
1020	ALL	668502.3	4343981	3.75E-06	30YrCancerDerived_InhSoilDermMMilk	3.75E-06
666	ALL	668842.3	4343661	3.74E-06	30YrCancerDerived_InhSoilDermMMilk	3.74E-06
992	ALL	668482.3	4343961	3.74E-06	30YrCancerDerived_InhSoilDermMMilk	3.74E-06
643	ALL	668822.3	4343641	3.73E-06	30YrCancerDerived_InhSoilDermMMilk	3.73E-06
694	ALL	668862.3	4343681	3.73E-06	30YrCancerDerived_InhSoilDermMMilk	3.73E-06
967	ALL	668462.3	4343941	3.73E-06	30YrCancerDerived_InhSoilDermMMilk	3.73E-06
1429	ALL	669282.3	4344181	3.72E-06	30YrCancerDerived_InhSoilDermMMilk	3.72E-06
1342	ALL	669222.3	4344141	3.72E-06	30YrCancerDerived_InhSoilDermMMilk	3.72E-06
577	ALL	668782.3	4343601	3.71E-06	30YrCancerDerived_InhSoilDermMMilk	3.71E-06
1536	ALL	668702.3	4344241	3.71E-06	30YrCancerDerived_InhSoilDermMMilk	3.71E-06
1646	ALL	669382.3	4344281	3.70E-06	30YrCancerDerived_InhSoilDermMMilk	3.70E-06
535	ALL	668762.3	4343581	3.70E-06	30YrCancerDerived_InhSoilDermMMilk	3.70E-06
1364	ALL	668642.3	4344161	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06
1159	ALL	668562.3	4344061	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06
942	ALL	668442.3	4343921	3.68E-06	30YrCancerDerived_InhSoilDermMMilk	3.68E-06
493	ALL	668742.3	4343561	3.68E-06	30YrCancerDerived_InhSoilDermMMilk	3.68E-06
448	ALL	668722.3	4343541	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06
791	ALL	668942.3	4343761	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06
1492	ALL	668682.3	4344221	3.66E-06	30YrCancerDerived_InhSoilDermMMilk	3.66E-06
1178	ALL	669162.3	4344061	3.66E-06	30YrCancerDerived_InhSoilDermMMilk	3.66E-06
1325	ALL	668622.3	4344141	3.66E-06	30YrCancerDerived_InhSoilDermMMilk	3.66E-06
1118	ALL	668542.3	4344041	3.66E-06	30YrCancerDerived_InhSoilDermMMilk	3.66E-06
1385	ALL	669262.3	4344161	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06
403	ALL	668702.3	4343521	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06
1710	ALL	668762.3	4344321	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06
105	ALL	668542.3	4343381	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06
931	ALL	669062.3	4343901	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
1080	ALL	668522.3	4344021	3.62E-06	30YrCancerDerived_InhSoilDermMMilk	3.62E-06
1691	ALL	669402.3	4344301	3.62E-06	30YrCancerDerived_InhSoilDermMMilk	3.62E-06
1284	ALL	668602.3	4344121	3.62E-06	30YrCancerDerived_InhSoilDermMMilk	3.62E-06
1262	ALL	669182.3	4344101	3.62E-06	30YrCancerDerived_InhSoilDermMMilk	3.62E-06
1303	ALL	669202.3	4344121	3.62E-06	30YrCancerDerived_InhSoilDermMMilk	3.62E-06
1449	ALL	668662.3	4344201	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06

359	ALL	668682.3	4343501	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06
1665	ALL	668742.3	4344301	3.60E-06	30YrCancerDerived_InhSoilDermMMilk	3.60E-06
315	ALL	668662.3	4343481	3.59E-06	30YrCancerDerived_InhSoilDermMMilk	3.59E-06
1046	ALL	668502.3	4344001	3.59E-06	30YrCancerDerived_InhSoilDermMMilk	3.59E-06
1560	ALL	669362.3	4344241	3.57E-06	30YrCancerDerived_InhSoilDermMMilk	3.57E-06
57	ALL	668522.3	4343361	3.57E-06	30YrCancerDerived_InhSoilDermMMilk	3.57E-06
1621	ALL	668722.3	4344281	3.57E-06	30YrCancerDerived_InhSoilDermMMilk	3.57E-06
1138	ALL	669162.3	4344041	3.57E-06	30YrCancerDerived_InhSoilDermMMilk	3.57E-06
1019	ALL	668482.3	4343981	3.57E-06	30YrCancerDerived_InhSoilDermMMilk	3.57E-06
1242	ALL	668582.3	4344101	3.57E-06	30YrCancerDerived_InhSoilDermMMilk	3.57E-06
1517	ALL	669342.3	4344221	3.56E-06	30YrCancerDerived_InhSoilDermMMilk	3.56E-06
271	ALL	668642.3	4343461	3.56E-06	30YrCancerDerived_InhSoilDermMMilk	3.56E-06
991	ALL	668462.3	4343961	3.56E-06	30YrCancerDerived_InhSoilDermMMilk	3.56E-06
1473	ALL	669322.3	4344201	3.55E-06	30YrCancerDerived_InhSoilDermMMilk	3.55E-06
1430	ALL	669302.3	4344181	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
1578	ALL	668702.3	4344261	3.53E-06	30YrCancerDerived_InhSoilDermMMilk	3.53E-06
1098	ALL	669162.3	4344021	3.52E-06	30YrCancerDerived_InhSoilDermMMilk	3.52E-06
966	ALL	668442.3	4343941	3.52E-06	30YrCancerDerived_InhSoilDermMMilk	3.52E-06
1737	ALL	669422.3	4344321	3.52E-06	30YrCancerDerived_InhSoilDermMMilk	3.52E-06
1405	ALL	668642.3	4344181	3.52E-06	30YrCancerDerived_InhSoilDermMMilk	3.52E-06
644	ALL	668842.3	4343641	3.52E-06	30YrCancerDerived_InhSoilDermMMilk	3.52E-06
1343	ALL	669242.3	4344141	3.52E-06	30YrCancerDerived_InhSoilDermMMilk	3.52E-06
667	ALL	668862.3	4343661	3.51E-06	30YrCancerDerived_InhSoilDermMMilk	3.51E-06
611	ALL	668822.3	4343621	3.51E-06	30YrCancerDerived_InhSoilDermMMilk	3.51E-06
1199	ALL	668562.3	4344081	3.51E-06	30YrCancerDerived_InhSoilDermMMilk	3.51E-06
1603	ALL	669382.3	4344261	3.51E-06	30YrCancerDerived_InhSoilDermMMilk	3.51E-06
578	ALL	668802.3	4343601	3.50E-06	30YrCancerDerived_InhSoilDermMMilk	3.50E-06
695	ALL	668882.3	4343681	3.50E-06	30YrCancerDerived_InhSoilDermMMilk	3.50E-06
1535	ALL	668682.3	4344241	3.49E-06	30YrCancerDerived_InhSoilDermMMilk	3.49E-06
536	ALL	668782.3	4343581	3.49E-06	30YrCancerDerived_InhSoilDermMMilk	3.49E-06
1158	ALL	668542.3	4344061	3.48E-06	30YrCancerDerived_InhSoilDermMMilk	3.48E-06
1386	ALL	669282.3	4344161	3.48E-06	30YrCancerDerived_InhSoilDermMMilk	3.48E-06
494	ALL	668762.3	4343561	3.46E-06	30YrCancerDerived_InhSoilDermMMilk	3.46E-06
1117	ALL	668522.3	4344041	3.45E-06	30YrCancerDerived_InhSoilDermMMilk	3.45E-06
1363	ALL	668622.3	4344161	3.45E-06	30YrCancerDerived_InhSoilDermMMilk	3.45E-06
1221	ALL	669182.3	4344081	3.45E-06	30YrCancerDerived_InhSoilDermMMilk	3.45E-06
1491	ALL	668662.3	4344221	3.45E-06	30YrCancerDerived_InhSoilDermMMilk	3.45E-06
449	ALL	668742.3	4343541	3.44E-06	30YrCancerDerived_InhSoilDermMMilk	3.44E-06
1647	ALL	669402.3	4344281	3.44E-06	30YrCancerDerived_InhSoilDermMMilk	3.44E-06
1079	ALL	668502.3	4344021	3.43E-06	30YrCancerDerived_InhSoilDermMMilk	3.43E-06
1709	ALL	668742.3	4344321	3.43E-06	30YrCancerDerived_InhSoilDermMMilk	3.43E-06
404	ALL	668722.3	4343521	3.43E-06	30YrCancerDerived_InhSoilDermMMilk	3.43E-06
1324	ALL	668602.3	4344141	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
1045	ALL	668482.3	4344001	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
1344	ALL	669262.3	4344141	3.41E-06	30YrCancerDerived_InhSoilDermMMilk	3.41E-06
932	ALL	669082.3	4343901	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
1061	ALL	669162.3	4344001	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
1664	ALL	668722.3	4344301	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
825	ALL	668982.3	4343801	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
360	ALL	668702.3	4343501	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
1018	ALL	668462.3	4343981	3.39E-06	30YrCancerDerived_InhSoilDermMMilk	3.39E-06
1283	ALL	668582.3	4344121	3.39E-06	30YrCancerDerived_InhSoilDermMMilk	3.39E-06
316	ALL	668682.3	4343481	3.38E-06	30YrCancerDerived_InhSoilDermMMilk	3.38E-06
1448	ALL	668642.3	4344201	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
990	ALL	668442.3	4343961	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
1518	ALL	669362.3	4344221	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
1304	ALL	669222.3	4344121	3.36E-06	30YrCancerDerived_InhSoilDermMMilk	3.36E-06
1620	ALL	668702.3	4344281	3.36E-06	30YrCancerDerived_InhSoilDermMMilk	3.36E-06
1474	ALL	669342.3	4344201	3.36E-06	30YrCancerDerived_InhSoilDermMMilk	3.36E-06
1241	ALL	668562.3	4344101	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
1692	ALL	669422.3	4344301	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
1179	ALL	669182.3	4344061	3.34E-06	30YrCancerDerived_InhSoilDermMMilk	3.34E-06
272	ALL	668662.3	4343461	3.34E-06	30YrCancerDerived_InhSoilDermMMilk	3.34E-06
1431	ALL	669322.3	4344181	3.34E-06	30YrCancerDerived_InhSoilDermMMilk	3.34E-06
1561	ALL	669382.3	4344241	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
58	ALL	668542.3	4343361	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
1577	ALL	668682.3	4344261	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
1198	ALL	668542.3	4344081	3.32E-06	30YrCancerDerived_InhSoilDermMMilk	3.32E-06
612	ALL	668842.3	4343621	3.32E-06	30YrCancerDerived_InhSoilDermMMilk	3.32E-06
804	ALL	668982.3	4343781	3.32E-06	30YrCancerDerived_InhSoilDermMMilk	3.32E-06
579	ALL	668822.3	4343601	3.31E-06	30YrCancerDerived_InhSoilDermMMilk	3.31E-06
645	ALL	668862.3	4343641	3.31E-06	30YrCancerDerived_InhSoilDermMMilk	3.31E-06
230	ALL	668642.3	4343441	3.31E-06	30YrCancerDerived_InhSoilDermMMilk	3.31E-06
1387	ALL	669302.3	4344161	3.31E-06	30YrCancerDerived_InhSoilDermMMilk	3.31E-06
537	ALL	668802.3	4343581	3.30E-06	30YrCancerDerived_InhSoilDermMMilk	3.30E-06
1263	ALL	669202.3	4344101	3.30E-06	30YrCancerDerived_InhSoilDermMMilk	3.30E-06
1157	ALL	668522.3	4344061	3.30E-06	30YrCancerDerived_InhSoilDermMMilk	3.30E-06
668	ALL	668882.3	4343661	3.30E-06	30YrCancerDerived_InhSoilDermMMilk	3.30E-06
1404	ALL	668622.3	4344181	3.30E-06	30YrCancerDerived_InhSoilDermMMilk	3.30E-06
1534	ALL	668662.3	4344241	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
1116	ALL	668502.3	4344041	3.28E-06	30YrCancerDerived_InhSoilDermMMilk	3.28E-06

495	ALL	668782.3	4343561	3.28E-06	30YrCancerDerived_InhSoilDermMMilk	3.28E-06
1078	ALL	668482.3	4344021	3.28E-06	30YrCancerDerived_InhSoilDermMMilk	3.28E-06
1139	ALL	669182.3	4344041	3.27E-06	30YrCancerDerived_InhSoilDermMMilk	3.27E-06
1362	ALL	668602.3	4344161	3.27E-06	30YrCancerDerived_InhSoilDermMMilk	3.27E-06
1604	ALL	669402.3	4344261	3.27E-06	30YrCancerDerived_InhSoilDermMMilk	3.27E-06
1738	ALL	669442.3	4344321	3.25E-06	30YrCancerDerived_InhSoilDermMMilk	3.25E-06
1044	ALL	668462.3	4344001	3.25E-06	30YrCancerDerived_InhSoilDermMMilk	3.25E-06
450	ALL	668762.3	4343541	3.25E-06	30YrCancerDerived_InhSoilDermMMilk	3.25E-06
1099	ALL	669182.3	4344021	3.25E-06	30YrCancerDerived_InhSoilDermMMilk	3.25E-06
1345	ALL	669282.3	4344141	3.24E-06	30YrCancerDerived_InhSoilDermMMilk	3.24E-06
1708	ALL	668722.3	4344321	3.24E-06	30YrCancerDerived_InhSoilDermMMilk	3.24E-06
1490	ALL	668642.3	4344221	3.24E-06	30YrCancerDerived_InhSoilDermMMilk	3.24E-06
1323	ALL	668582.3	4344141	3.24E-06	30YrCancerDerived_InhSoilDermMMilk	3.24E-06
405	ALL	668742.3	4343521	3.23E-06	30YrCancerDerived_InhSoilDermMMilk	3.23E-06
1017	ALL	668442.3	4343981	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-06
1663	ALL	668702.3	4344301	3.21E-06	30YrCancerDerived_InhSoilDermMMilk	3.21E-06
361	ALL	668722.3	4343501	3.21E-06	30YrCancerDerived_InhSoilDermMMilk	3.21E-06
1305	ALL	669242.3	4344121	3.21E-06	30YrCancerDerived_InhSoilDermMMilk	3.21E-06
1282	ALL	668562.3	4344121	3.21E-06	30YrCancerDerived_InhSoilDermMMilk	3.21E-06
317	ALL	668702.3	4343481	3.19E-06	30YrCancerDerived_InhSoilDermMMilk	3.19E-06
1648	ALL	669422.3	4344281	3.19E-06	30YrCancerDerived_InhSoilDermMMilk	3.19E-06
1519	ALL	669382.3	4344221	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
1240	ALL	668542.3	4344101	3.17E-06	30YrCancerDerived_InhSoilDermMMilk	3.17E-06
1475	ALL	669362.3	4344201	3.17E-06	30YrCancerDerived_InhSoilDermMMilk	3.17E-06
1619	ALL	668682.3	4344281	3.17E-06	30YrCancerDerived_InhSoilDermMMilk	3.17E-06
273	ALL	668682.3	4343461	3.17E-06	30YrCancerDerived_InhSoilDermMMilk	3.17E-06
1447	ALL	668622.3	4344201	3.16E-06	30YrCancerDerived_InhSoilDermMMilk	3.16E-06
1432	ALL	669342.3	4344181	3.16E-06	30YrCancerDerived_InhSoilDermMMilk	3.16E-06
1197	ALL	668522.3	4344081	3.16E-06	30YrCancerDerived_InhSoilDermMMilk	3.16E-06
1062	ALL	669182.3	4344001	3.15E-06	30YrCancerDerived_InhSoilDermMMilk	3.15E-06
1576	ALL	668662.3	4344261	3.14E-06	30YrCancerDerived_InhSoilDermMMilk	3.14E-06
1156	ALL	668502.3	4344061	3.14E-06	30YrCancerDerived_InhSoilDermMMilk	3.14E-06
580	ALL	668842.3	4343601	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
1306	ALL	669262.3	4344121	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
538	ALL	668822.3	4343581	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
613	ALL	668862.3	4343621	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
1115	ALL	668482.3	4344041	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
1403	ALL	668602.3	4344181	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
1222	ALL	669202.3	4344081	3.12E-06	30YrCancerDerived_InhSoilDermMMilk	3.12E-06
231	ALL	668662.3	4343441	3.12E-06	30YrCancerDerived_InhSoilDermMMilk	3.12E-06
1388	ALL	669322.3	4344161	3.12E-06	30YrCancerDerived_InhSoilDermMMilk	3.12E-06
496	ALL	668802.3	4343561	3.12E-06	30YrCancerDerived_InhSoilDermMMilk	3.12E-06
59	ALL	668562.3	4343361	3.12E-06	30YrCancerDerived_InhSoilDermMMilk	3.12E-06
646	ALL	668882.3	4343641	3.12E-06	30YrCancerDerived_InhSoilDermMMilk	3.12E-06
1562	ALL	669402.3	4344241	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-06
1077	ALL	668462.3	4344021	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-06
669	ALL	668902.3	4343661	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-06
1693	ALL	669442.3	4344301	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-06
1533	ALL	668642.3	4344241	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
1361	ALL	668582.3	4344161	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
1043	ALL	668442.3	4344001	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
189	ALL	668642.3	4343421	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
1264	ALL	669222.3	4344101	3.08E-06	30YrCancerDerived_InhSoilDermMMilk	3.08E-06
451	ALL	668782.3	4343541	3.08E-06	30YrCancerDerived_InhSoilDermMMilk	3.08E-06
1346	ALL	669302.3	4344141	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
1707	ALL	668702.3	4344321	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
1322	ALL	668562.3	4344141	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
805	ALL	669002.3	4343781	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-06
406	ALL	668762.3	4343521	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-06
1489	ALL	668622.3	4344221	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
1605	ALL	669422.3	4344261	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
1281	ALL	668542.3	4344121	3.04E-06	30YrCancerDerived_InhSoilDermMMilk	3.04E-06
362	ALL	668742.3	4343501	3.04E-06	30YrCancerDerived_InhSoilDermMMilk	3.04E-06
1662	ALL	668682.3	4344301	3.04E-06	30YrCancerDerived_InhSoilDermMMilk	3.04E-06
1180	ALL	669202.3	4344061	3.04E-06	30YrCancerDerived_InhSoilDermMMilk	3.04E-06
1029	ALL	669182.3	4343981	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
769	ALL	668982.3	4343741	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
318	ALL	668722.3	4343481	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
1239	ALL	668522.3	4344101	3.02E-06	30YrCancerDerived_InhSoilDermMMilk	3.02E-06
274	ALL	668702.3	4343461	3.01E-06	30YrCancerDerived_InhSoilDermMMilk	3.01E-06
1618	ALL	668662.3	4344281	3.01E-06	30YrCancerDerived_InhSoilDermMMilk	3.01E-06
1196	ALL	668502.3	4344081	3.00E-06	30YrCancerDerived_InhSoilDermMMilk	3.00E-06
1476	ALL	669382.3	4344201	3.00E-06	30YrCancerDerived_InhSoilDermMMilk	3.00E-06
1433	ALL	669362.3	4344181	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06
1307	ALL	669282.3	4344121	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06
1446	ALL	668602.3	4344201	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06
1155	ALL	668482.3	4344061	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06
1140	ALL	669202.3	4344041	2.98E-06	30YrCancerDerived_InhSoilDermMMilk	2.98E-06
1649	ALL	669442.3	4344281	2.98E-06	30YrCancerDerived_InhSoilDermMMilk	2.98E-06
1114	ALL	668462.3	4344041	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06
232	ALL	668682.3	4343441	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06

1520	ALL	669402.3	4344221	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06
1575	ALL	668642.3	4344261	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06
1402	ALL	668582.3	4344181	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06
1389	ALL	669342.3	4344161	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
497	ALL	668822.3	4343561	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
539	ALL	668842.3	4343581	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
1076	ALL	668442.3	4344021	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
1100	ALL	669202.3	4344021	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
614	ALL	668882.3	4343621	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06
581	ALL	668862.3	4343601	2.94E-06	30YrCancerDerived_InhSoilDermMMilk	2.94E-06
1360	ALL	668562.3	4344161	2.94E-06	30YrCancerDerived_InhSoilDermMMilk	2.94E-06
647	ALL	668902.3	4343641	2.94E-06	30YrCancerDerived_InhSoilDermMMilk	2.94E-06
452	ALL	668802.3	4343541	2.94E-06	30YrCancerDerived_InhSoilDermMMilk	2.94E-06
60	ALL	668582.3	4343361	2.94E-06	30YrCancerDerived_InhSoilDermMMilk	2.94E-06
1265	ALL	669242.3	4344101	2.94E-06	30YrCancerDerived_InhSoilDermMMilk	2.94E-06
1532	ALL	668622.3	4344241	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
190	ALL	668662.3	4343421	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
670	ALL	668922.3	4343661	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
1321	ALL	668542.3	4344141	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
1347	ALL	669322.3	4344141	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
1563	ALL	669422.3	4344241	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
1706	ALL	668682.3	4344321	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
1003	ALL	669182.3	4343961	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
407	ALL	668782.3	4343521	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
1280	ALL	668522.3	4344121	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
1223	ALL	669222.3	4344081	2.89E-06	30YrCancerDerived_InhSoilDermMMilk	2.89E-06
883	ALL	669082.7	4343856	2.89E-06	30YrCancerDerived_InhSoilDermMMilk	2.89E-06
726	ALL	668962.3	4343701	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
148	ALL	668642.3	4343401	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
363	ALL	668762.3	4343501	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
1488	ALL	668602.3	4344221	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
748	ALL	668982.3	4343721	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
1063	ALL	669202.3	4344001	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
1661	ALL	668662.3	4344301	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
1238	ALL	668502.3	4344101	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
1195	ALL	668482.3	4344081	2.86E-06	30YrCancerDerived_InhSoilDermMMilk	2.86E-06
319	ALL	668742.3	4343481	2.86E-06	30YrCancerDerived_InhSoilDermMMilk	2.86E-06
770	ALL	669002.3	4343741	2.86E-06	30YrCancerDerived_InhSoilDermMMilk	2.86E-06
1266	ALL	669262.3	4344101	2.86E-06	30YrCancerDerived_InhSoilDermMMilk	2.86E-06
275	ALL	668722.3	4343461	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
1606	ALL	669442.3	4344261	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
1154	ALL	668462.3	4344061	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
1617	ALL	668642.3	4344281	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
1445	ALL	668582.3	4344201	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
1308	ALL	669302.3	4344121	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
1113	ALL	668442.3	4344041	2.84E-06	30YrCancerDerived_InhSoilDermMMilk	2.84E-06
1434	ALL	669382.3	4344181	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
106	ALL	668622.3	4343381	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
233	ALL	668702.3	4343441	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
806	ALL	669022.3	4343781	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
1401	ALL	668562.3	4344181	2.82E-06	30YrCancerDerived_InhSoilDermMMilk	2.82E-06
1390	ALL	669362.3	4344161	2.82E-06	30YrCancerDerived_InhSoilDermMMilk	2.82E-06
1574	ALL	668622.3	4344261	2.82E-06	30YrCancerDerived_InhSoilDermMMilk	2.82E-06
1477	ALL	669402.3	4344201	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
1181	ALL	669222.3	4344061	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
453	ALL	668822.3	4343541	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
1359	ALL	668542.3	4344161	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
498	ALL	668842.3	4343561	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
1030	ALL	669202.3	4343981	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
191	ALL	668682.3	4343421	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
1521	ALL	669422.3	4344221	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
1320	ALL	668522.3	4344141	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
61	ALL	668602.3	4343361	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
615	ALL	668902.3	4343621	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
1531	ALL	668602.3	4344241	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
408	ALL	668802.3	4343521	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
540	ALL	668862.3	4343581	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
648	ALL	668922.3	4343641	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
582	ALL	668882.3	4343601	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
1141	ALL	669222.3	4344041	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
1279	ALL	668502.3	4344121	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
1705	ALL	668662.3	4344321	2.76E-06	30YrCancerDerived_InhSoilDermMMilk	2.76E-06
1237	ALL	668482.3	4344101	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
696	ALL	668962.3	4343681	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
1267	ALL	669282.3	4344101	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
149	ALL	668662.3	4343401	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
727	ALL	668982.3	4343701	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06
1348	ALL	669342.3	4344141	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06
364	ALL	668782.3	4343501	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06
749	ALL	669002.3	4343721	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06
1194	ALL	668462.3	4344081	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06

1487	ALL	668582.3	4344221	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06
1660	ALL	668642.3	4344301	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06
1224	ALL	669242.3	4344081	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06
1101	ALL	669222.3	4344021	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06
1564	ALL	669442.3	4344241	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06
1153	ALL	668442.3	4344061	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06
320	ALL	668762.3	4343481	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06
1444	ALL	668562.3	4344201	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06
1616	ALL	668622.3	4344281	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
276	ALL	668742.3	4343461	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
1004	ALL	669202.3	4343961	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
1309	ALL	669322.3	4344121	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
107	ALL	668642.3	4343381	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
234	ALL	668722.3	4343441	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
1400	ALL	668542.3	4344181	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
1391	ALL	669382.3	4344161	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
1573	ALL	668602.3	4344261	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
1358	ALL	668522.3	4344161	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
1435	ALL	669402.3	4344181	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
1064	ALL	669222.3	4344001	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
454	ALL	668842.3	4343541	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
192	ALL	668702.3	4343421	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
1319	ALL	668502.3	4344141	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
409	ALL	668822.3	4343521	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
1478	ALL	669422.3	4344201	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
1278	ALL	668482.3	4344121	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
1530	ALL	668582.3	4344241	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
1225	ALL	669262.3	4344081	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
62	ALL	668622.3	4343361	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
1182	ALL	669242.3	4344061	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
1236	ALL	668462.3	4344101	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
616	ALL	668922.3	4343621	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
499	ALL	668862.3	4343561	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
1704	ALL	668642.3	4344321	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
365	ALL	668802.3	4343501	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
583	ALL	668902.3	4343601	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
1268	ALL	669302.3	4344101	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
150	ALL	668682.3	4343401	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
1193	ALL	668442.3	4344081	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
697	ALL	668982.3	4343681	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
1522	ALL	669442.3	4344221	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06
541	ALL	668882.3	4343581	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06
1486	ALL	668562.3	4344221	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06
1349	ALL	669362.3	4344141	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
1659	ALL	668622.3	4344301	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
1031	ALL	669222.3	4343981	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
321	ALL	668782.3	4343481	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
1443	ALL	668542.3	4344201	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
1142	ALL	669242.3	4344041	2.58E-06	30YrCancerDerived_InhSoilDermMMilk	2.58E-06
108	ALL	668662.3	4343381	2.58E-06	30YrCancerDerived_InhSoilDermMMilk	2.58E-06
1615	ALL	668602.3	4344281	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
1399	ALL	668522.3	4344181	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
771	ALL	669042.3	4343741	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
277	ALL	668762.3	4343461	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
1357	ALL	668502.3	4344161	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
235	ALL	668742.3	4343441	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
1318	ALL	668482.3	4344141	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
1226	ALL	669282.3	4344081	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
1572	ALL	668582.3	4344261	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
193	ALL	668722.3	4343421	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
1392	ALL	669402.3	4344161	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
1102	ALL	669242.3	4344021	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
410	ALL	668842.3	4343521	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
1277	ALL	668462.3	4344121	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
1310	ALL	669342.3	4344121	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
826	ALL	669062.3	4343801	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
1436	ALL	669422.3	4344181	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
455	ALL	668862.3	4343541	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
907	ALL	669182.3	4343881	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
1235	ALL	668442.3	4344101	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
1529	ALL	668562.3	4344241	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
366	ALL	668822.3	4343501	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
807	ALL	669062.3	4343781	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
63	ALL	668642.3	4343361	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
1005	ALL	669222.3	4343961	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
151	ALL	668702.3	4343401	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
1183	ALL	669262.3	4344061	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
1350	ALL	669382.3	4344141	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
1479	ALL	669442.3	4344201	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
617	ALL	668942.3	4343621	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
1703	ALL	668622.3	4344321	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06

584	ALL	668922.3	4343601	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
698	ALL	669002.3	4343681	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-06
1269	ALL	669322.3	4344101	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-06
1485	ALL	668542.3	4344221	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-06
542	ALL	668902.3	4343581	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-06
1065	ALL	669242.3	4344001	2.48E-06	30YrCancerDerived_InhSoilDermMMilk	2.48E-06
322	ALL	668802.3	4343481	2.48E-06	30YrCancerDerived_InhSoilDermMMilk	2.48E-06
750	ALL	669042.3	4343721	2.48E-06	30YrCancerDerived_InhSoilDermMMilk	2.48E-06
500	ALL	668882.3	4343561	2.48E-06	30YrCancerDerived_InhSoilDermMMilk	2.48E-06
1658	ALL	668602.3	4344301	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
1442	ALL	668522.3	4344201	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
1398	ALL	668502.3	4344181	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-06
109	ALL	668682.3	4343381	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-06
1227	ALL	669302.3	4344081	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
1356	ALL	668482.3	4344161	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
1614	ALL	668582.3	4344281	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
278	ALL	668782.3	4343461	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
772	ALL	669062.3	4343741	2.44E-06	30YrCancerDerived_InhSoilDermMMilk	2.44E-06
1317	ALL	668462.3	4344141	2.44E-06	30YrCancerDerived_InhSoilDermMMilk	2.44E-06
236	ALL	668762.3	4343441	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
1184	ALL	669282.3	4344061	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
1571	ALL	668562.3	4344261	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
1276	ALL	668442.3	4344121	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
411	ALL	668862.3	4343521	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
194	ALL	668742.3	4343421	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
1032	ALL	669242.3	4343981	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
1393	ALL	669422.3	4344161	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
1143	ALL	669262.3	4344041	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
1311	ALL	669362.3	4344121	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
367	ALL	668842.3	4343501	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
1528	ALL	668542.3	4344241	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
1351	ALL	669402.3	4344141	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
1437	ALL	669442.3	4344181	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
618	ALL	668962.3	4343621	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
152	ALL	668722.3	4343401	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
64	ALL	668662.3	4343361	2.39E-06	30YrCancerDerived_InhSoilDermMMilk	2.39E-06
456	ALL	668882.3	4343541	2.39E-06	30YrCancerDerived_InhSoilDermMMilk	2.39E-06
585	ALL	668942.3	4343601	2.39E-06	30YrCancerDerived_InhSoilDermMMilk	2.39E-06
908	ALL	669202.3	4343881	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
699	ALL	669022.3	4343681	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
323	ALL	668822.3	4343481	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
1103	ALL	669262.3	4344021	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
1702	ALL	668602.3	4344321	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
543	ALL	668922.3	4343581	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
1484	ALL	668522.3	4344221	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
728	ALL	669042.3	4343701	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
751	ALL	669062.3	4343721	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
1441	ALL	668502.3	4344201	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
501	ALL	668902.3	4343561	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
1185	ALL	669302.3	4344061	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
1657	ALL	668582.3	4344301	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
1397	ALL	668482.3	4344181	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
1228	ALL	669322.3	4344081	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
1312	ALL	669382.3	4344121	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
1144	ALL	669282.3	4344041	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
1355	ALL	668462.3	4344161	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
279	ALL	668802.3	4343461	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
110	ALL	668702.3	4343381	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
1270	ALL	669342.3	4344101	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
1613	ALL	668562.3	4344281	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
1316	ALL	668442.3	4344141	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
1006	ALL	669242.3	4343961	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
773	ALL	669082.3	4343741	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
1066	ALL	669262.3	4344001	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
237	ALL	668782.3	4343441	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
1570	ALL	668542.3	4344261	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
884	ALL	669202.3	4343861	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-06
368	ALL	668862.3	4343501	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-06
412	ALL	668882.3	4343521	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-06
195	ALL	668762.3	4343421	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-06
1145	ALL	669302.3	4344041	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
619	ALL	668982.3	4343621	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
1186	ALL	669322.3	4344061	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
586	ALL	668962.3	4343601	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
1394	ALL	669442.3	4344161	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
1527	ALL	668522.3	4344241	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
1352	ALL	669422.3	4344141	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
544	ALL	668942.3	4343581	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
324	ALL	668842.3	4343481	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
65	ALL	668682.3	4343361	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
457	ALL	668902.3	4343541	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06

153	ALL	668742.3	4343401	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
1104	ALL	669282.3	4344021	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
1483	ALL	668502.3	4344221	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
502	ALL	668922.3	4343561	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
729	ALL	669062.3	4343701	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
1313	ALL	669402.3	4344121	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
1701	ALL	668582.3	4344321	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
1440	ALL	668482.3	4344201	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
979	ALL	669242.3	4343941	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
752	ALL	669082.3	4343721	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
1396	ALL	668462.3	4344181	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
1229	ALL	669342.3	4344081	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
1271	ALL	669362.3	4344101	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
280	ALL	668822.3	4343461	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
1656	ALL	668562.3	4344301	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
1354	ALL	668442.3	4344161	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
111	ALL	668722.3	4343381	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
1033	ALL	669262.3	4343981	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-06
827	ALL	669162.3	4343801	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-06
1146	ALL	669322.3	4344041	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-06
1612	ALL	668542.3	4344281	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
1187	ALL	669342.3	4344061	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
1272	ALL	669382.3	4344101	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
238	ALL	668802.3	4343441	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
1569	ALL	668522.3	4344261	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
587	ALL	668982.3	4343601	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
369	ALL	668882.3	4343501	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
545	ALL	668962.3	4343581	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
620	ALL	669002.3	4343621	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
196	ALL	668782.3	4343421	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
413	ALL	668902.3	4343521	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
1526	ALL	668502.3	4344241	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
1067	ALL	669282.3	4344001	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
1105	ALL	669302.3	4344021	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
503	ALL	668942.3	4343561	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
458	ALL	668922.3	4343541	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
1147	ALL	669342.3	4344041	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
1230	ALL	669362.3	4344081	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
325	ALL	668862.3	4343481	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
66	ALL	668702.3	4343361	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
1353	ALL	669442.3	4344141	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
1314	ALL	669422.3	4344121	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
1482	ALL	668482.3	4344221	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-06
700	ALL	669062.3	4343681	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-06
1439	ALL	668462.3	4344201	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-06
730	ALL	669082.3	4343701	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-06
154	ALL	668762.3	4343401	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-06
1007	ALL	669262.3	4343961	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
1188	ALL	669362.3	4344061	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
885	ALL	669222.3	4343861	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
1395	ALL	668442.3	4344181	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
1700	ALL	668562.3	4344321	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
281	ALL	668842.3	4343461	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
828	ALL	669182.3	4343801	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
1273	ALL	669402.3	4344101	2.17E-06	30YrCancerDerived_InhSoilDermMMilk	2.17E-06
1655	ALL	668542.3	4344301	2.17E-06	30YrCancerDerived_InhSoilDermMMilk	2.17E-06
1231	ALL	669382.3	4344081	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
792	ALL	669142.3	4343761	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
112	ALL	668742.3	4343381	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
239	ALL	668822.3	4343441	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
1148	ALL	669362.3	4344041	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
1611	ALL	668522.3	4344281	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
1106	ALL	669322.3	4344021	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
1568	ALL	668502.3	4344261	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
1189	ALL	669382.3	4344061	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
546	ALL	668982.3	4343581	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
504	ALL	668962.3	4343561	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
588	ALL	669002.3	4343601	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
67	ALL	668722.3	4343361	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
1034	ALL	669282.3	4343981	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
459	ALL	668942.3	4343541	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
197	ALL	668802.3	4343421	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
414	ALL	668922.3	4343521	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
621	ALL	669022.3	4343621	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
370	ALL	668902.3	4343501	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
1525	ALL	668482.3	4344241	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
980	ALL	669262.3	4343941	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
326	ALL	668882.3	4343481	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
1315	ALL	669442.3	4344121	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
1481	ALL	668462.3	4344221	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
863	ALL	669222.3	4343841	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06

1274	ALL	669422.3	4344101	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
1232	ALL	669402.3	4344081	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
1438	ALL	668442.3	4344201	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
1068	ALL	669302.3	4344001	2.10E-06	30YrCancerDerived_InhSoilDermMMilk	2.10E-06
701	ALL	669082.3	4343681	2.10E-06	30YrCancerDerived_InhSoilDermMMilk	2.10E-06
155	ALL	668782.3	4343401	2.10E-06	30YrCancerDerived_InhSoilDermMMilk	2.10E-06
282	ALL	668862.3	4343461	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
1149	ALL	669382.3	4344041	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
1107	ALL	669342.3	4344021	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
1699	ALL	668542.3	4344321	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
1654	ALL	668522.3	4344301	2.08E-06	30YrCancerDerived_InhSoilDermMMilk	2.08E-06
1190	ALL	669402.3	4344061	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
113	ALL	668762.3	4343381	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
240	ALL	668842.3	4343441	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
1610	ALL	668502.3	4344281	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
956	ALL	669262.3	4343921	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
1567	ALL	668482.3	4344261	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
547	ALL	669002.3	4343581	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
505	ALL	668982.3	4343561	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
1008	ALL	669282.3	4343961	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
460	ALL	668962.3	4343541	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
589	ALL	669022.3	4343601	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
1233	ALL	669422.3	4344081	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
68	ALL	668742.3	4343361	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
198	ALL	668822.3	4343421	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
415	ALL	668942.3	4343521	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
1108	ALL	669362.3	4344021	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
1275	ALL	669442.3	4344101	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
1524	ALL	668462.3	4344241	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
622	ALL	669042.3	4343621	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
371	ALL	668922.3	4343501	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
1480	ALL	668442.3	4344221	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
327	ALL	668902.3	4343481	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
1150	ALL	669402.3	4344041	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
1069	ALL	669322.3	4344001	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
156	ALL	668802.3	4343401	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
283	ALL	668882.3	4343461	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
774	ALL	669162.3	4343741	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
1035	ALL	669302.3	4343981	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
1698	ALL	668522.3	4344321	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
808	ALL	669202.3	4343781	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
1191	ALL	669422.3	4344061	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	2.00E-06
1653	ALL	668502.3	4344301	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	2.00E-06
1109	ALL	669382.3	4344021	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	2.00E-06
241	ALL	668862.3	4343441	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	2.00E-06
114	ALL	668782.3	4343381	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
1609	ALL	668482.3	4344281	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
981	ALL	669282.3	4343941	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
1234	ALL	669442.3	4344081	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
1566	ALL	668462.3	4344261	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
548	ALL	669022.3	4343581	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
506	ALL	669002.3	4343561	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
590	ALL	669042.3	4343601	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
199	ALL	668842.3	4343421	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
461	ALL	668982.3	4343541	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
1070	ALL	669342.3	4344001	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
1523	ALL	668442.3	4344241	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
69	ALL	668762.3	4343361	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
416	ALL	668962.3	4343521	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
623	ALL	669062.3	4343621	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
372	ALL	668942.3	4343501	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
328	ALL	668922.3	4343481	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06
1151	ALL	669422.3	4344041	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06
157	ALL	668822.3	4343401	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
1110	ALL	669402.3	4344021	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
753	ALL	669162.3	4343721	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
284	ALL	668902.3	4343461	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
702	ALL	669122.3	4343681	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
1009	ALL	669302.3	4343961	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
775	ALL	669182.3	4343741	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
957	ALL	669282.3	4343921	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06
1697	ALL	668502.3	4344321	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06
1071	ALL	669362.3	4344001	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
1652	ALL	668482.3	4344301	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
242	ALL	668882.3	4343441	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
809	ALL	669222.3	4343781	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
1192	ALL	669442.3	4344061	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
115	ALL	668802.3	4343381	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
1608	ALL	668462.3	4344281	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
1036	ALL	669322.3	4343981	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
1565	ALL	668442.3	4344261	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06

933	ALL	669282.3	4343901	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
200	ALL	668862.3	4343421	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
549	ALL	669042.3	4343581	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
507	ALL	669022.3	4343561	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
591	ALL	669062.3	4343601	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
462	ALL	669002.3	4343541	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
70	ALL	668782.3	4343361	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
624	ALL	669082.3	4343621	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
417	ALL	668982.3	4343521	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
373	ALL	668962.3	4343501	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
1072	ALL	669382.3	4344001	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
329	ALL	668942.3	4343481	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
982	ALL	669302.3	4343941	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
158	ALL	668842.3	4343401	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
1111	ALL	669422.3	4344021	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
703	ALL	669142.3	4343681	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
285	ALL	668922.3	4343461	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
1152	ALL	669442.3	4344041	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
1010	ALL	669322.3	4343961	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
1696	ALL	668482.3	4344321	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
243	ALL	668902.3	4343441	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
1037	ALL	669342.3	4343981	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
1651	ALL	668462.3	4344301	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
116	ALL	668822.3	4343381	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
1607	ALL	668442.3	4344281	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
1073	ALL	669402.3	4344001	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
201	ALL	668882.3	4343421	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
550	ALL	669062.3	4343581	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
508	ALL	669042.3	4343561	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
592	ALL	669082.3	4343601	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
463	ALL	669022.3	4343541	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
958	ALL	669302.3	4343921	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
71	ALL	668802.3	4343361	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
625	ALL	669102.3	4343621	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
418	ALL	669002.3	4343521	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
159	ALL	668862.3	4343401	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
374	ALL	668982.3	4343501	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
1038	ALL	669362.3	4343981	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
671	ALL	669142.3	4343661	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
704	ALL	669162.3	4343681	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
330	ALL	668962.3	4343481	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
286	ALL	668942.3	4343461	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
983	ALL	669322.3	4343941	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
1112	ALL	669442.3	4344021	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
934	ALL	669302.3	4343901	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
1011	ALL	669342.3	4343961	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
1695	ALL	668462.3	4344321	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
244	ALL	668922.3	4343441	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
117	ALL	668842.3	4343381	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
1650	ALL	668442.3	4344301	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
1074	ALL	669422.3	4344001	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
909	ALL	669302.3	4343881	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
202	ALL	668902.3	4343421	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
1039	ALL	669382.3	4343981	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
551	ALL	669082.3	4343581	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
593	ALL	669102.3	4343601	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
509	ALL	669062.3	4343561	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
464	ALL	669042.3	4343541	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
626	ALL	669122.3	4343621	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
72	ALL	668822.3	4343361	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
419	ALL	669022.3	4343521	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
649	ALL	669142.3	4343641	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
160	ALL	668882.3	4343401	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
672	ALL	669162.3	4343661	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
705	ALL	669182.3	4343681	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
375	ALL	669002.3	4343501	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
886	ALL	669302.3	4343861	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
1012	ALL	669362.3	4343961	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06
959	ALL	669322.3	4343921	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06
984	ALL	669342.3	4343941	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06
331	ALL	668982.3	4343481	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06
1694	ALL	668442.3	4344321	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
1040	ALL	669402.3	4343981	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
287	ALL	668962.3	4343461	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
118	ALL	668862.3	4343381	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
245	ALL	668942.3	4343441	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
776	ALL	669242.3	4343741	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
1075	ALL	669442.3	4344001	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
935	ALL	669322.3	4343901	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
203	ALL	668922.3	4343421	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
552	ALL	669102.3	4343581	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06

594	ALL	669122.3	4343601	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
910	ALL	669322.3	4343881	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
510	ALL	669082.3	4343561	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
627	ALL	669142.3	4343621	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
465	ALL	669062.3	4343541	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
864	ALL	669302.3	4343841	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
73	ALL	668842.3	4343361	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
1013	ALL	669382.3	4343961	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
650	ALL	669162.3	4343641	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
420	ALL	669042.3	4343521	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
673	ALL	669182.3	4343661	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
161	ALL	668902.3	4343401	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
706	ALL	669202.3	4343681	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
985	ALL	669362.3	4343941	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
960	ALL	669342.3	4343921	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
1041	ALL	669422.3	4343981	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
376	ALL	669022.3	4343501	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
887	ALL	669322.3	4343861	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
936	ALL	669342.3	4343901	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
119	ALL	668882.3	4343381	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
332	ALL	669002.3	4343481	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
288	ALL	668982.3	4343461	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
911	ALL	669342.3	4343881	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
1014	ALL	669402.3	4343961	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
246	ALL	668962.3	4343441	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
754	ALL	669242.3	4343721	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
986	ALL	669382.3	4343941	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
847	ALL	669302.3	4343821	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
810	ALL	669282.3	4343781	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
204	ALL	668942.3	4343421	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
961	ALL	669362.3	4343921	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
553	ALL	669122.3	4343581	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
595	ALL	669142.3	4343601	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
74	ALL	668862.3	4343361	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
511	ALL	669102.3	4343561	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
628	ALL	669162.3	4343621	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
865	ALL	669322.3	4343841	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
937	ALL	669362.3	4343901	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
888	ALL	669342.3	4343861	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
466	ALL	669082.3	4343541	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
651	ALL	669182.3	4343641	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
777	ALL	669262.3	4343741	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
421	ALL	669062.3	4343521	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
162	ALL	668922.3	4343401	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
674	ALL	669202.3	4343661	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
1042	ALL	669442.3	4343981	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
962	ALL	669382.3	4343921	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
377	ALL	669042.3	4343501	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
912	ALL	669362.3	4343881	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
707	ALL	669222.3	4343681	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
987	ALL	669402.3	4343941	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
1015	ALL	669422.3	4343961	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
120	ALL	668902.3	4343381	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
333	ALL	669022.3	4343481	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
829	ALL	669302.3	4343801	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
938	ALL	669382.3	4343901	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
289	ALL	669002.3	4343461	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
731	ALL	669242.3	4343701	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
793	ALL	669282.3	4343761	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
247	ALL	668982.3	4343441	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
889	ALL	669362.3	4343861	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
866	ALL	669342.3	4343841	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
75	ALL	668882.3	4343361	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
848	ALL	669322.3	4343821	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
963	ALL	669402.3	4343921	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
205	ALL	668962.3	4343421	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
554	ALL	669142.3	4343581	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
596	ALL	669162.3	4343601	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
512	ALL	669122.3	4343561	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
629	ALL	669182.3	4343621	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
467	ALL	669102.3	4343541	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
988	ALL	669422.3	4343941	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
652	ALL	669202.3	4343641	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
913	ALL	669382.3	4343881	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
422	ALL	669082.3	4343521	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
163	ALL	668942.3	4343401	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
811	ALL	669302.3	4343781	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
378	ALL	669062.3	4343501	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
755	ALL	669262.3	4343721	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
675	ALL	669222.3	4343661	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
1016	ALL	669442.3	4343961	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06

939	ALL	669402.3	4343901	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
121	ALL	668922.3	4343381	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
334	ALL	669042.3	4343481	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
964	ALL	669422.3	4343921	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
867	ALL	669362.3	4343841	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
849	ALL	669342.3	4343821	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
708	ALL	669242.3	4343681	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
76	ALL	668902.3	4343361	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
290	ALL	669022.3	4343461	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
890	ALL	669382.3	4343861	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
830	ALL	669322.3	4343801	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
778	ALL	669282.3	4343741	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
989	ALL	669442.3	4343941	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
248	ALL	669002.3	4343441	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
914	ALL	669402.3	4343881	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
206	ALL	668982.3	4343421	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
513	ALL	669142.3	4343561	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
555	ALL	669162.3	4343581	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
597	ALL	669182.3	4343601	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
630	ALL	669202.3	4343621	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
468	ALL	669122.3	4343541	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
940	ALL	669422.3	4343901	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
794	ALL	669302.3	4343761	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
423	ALL	669102.3	4343521	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
164	ALL	668962.3	4343401	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
653	ALL	669222.3	4343641	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
965	ALL	669442.3	4343921	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
379	ALL	669082.3	4343501	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
732	ALL	669262.3	4343701	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
812	ALL	669322.3	4343781	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
122	ALL	668942.3	4343381	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
850	ALL	669362.3	4343821	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
868	ALL	669382.3	4343841	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
335	ALL	669062.3	4343481	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
831	ALL	669342.3	4343801	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
891	ALL	669402.3	4343861	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
676	ALL	669242.3	4343661	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
77	ALL	668922.3	4343361	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
291	ALL	669042.3	4343461	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
915	ALL	669422.3	4343881	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
249	ALL	669022.3	4343441	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
941	ALL	669442.3	4343901	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
756	ALL	669282.3	4343721	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
207	ALL	669002.3	4343421	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
556	ALL	669182.3	4343581	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
514	ALL	669162.3	4343561	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
598	ALL	669202.3	4343601	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
469	ALL	669142.3	4343541	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
631	ALL	669222.3	4343621	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
424	ALL	669122.3	4343521	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
165	ALL	668982.3	4343401	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
709	ALL	669262.3	4343681	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
813	ALL	669342.3	4343781	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
779	ALL	669302.3	4343741	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
832	ALL	669362.3	4343801	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
380	ALL	669102.3	4343501	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
851	ALL	669382.3	4343821	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
869	ALL	669402.3	4343841	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
123	ALL	668962.3	4343381	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
795	ALL	669322.3	4343761	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
892	ALL	669422.3	4343861	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
654	ALL	669242.3	4343641	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
336	ALL	669082.3	4343481	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
78	ALL	668942.3	4343361	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
916	ALL	669442.3	4343881	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
292	ALL	669062.3	4343461	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
28	ALL	668922.3	4343341	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
250	ALL	669042.3	4343441	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
733	ALL	669282.3	4343701	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
599	ALL	669222.3	4343601	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
208	ALL	669022.3	4343421	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
677	ALL	669262.3	4343661	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
814	ALL	669362.3	4343781	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
833	ALL	669382.3	4343801	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
515	ALL	669182.3	4343561	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
557	ALL	669202.3	4343581	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
852	ALL	669402.3	4343821	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
470	ALL	669162.3	4343541	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
166	ALL	669002.3	4343401	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
425	ALL	669142.3	4343521	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
870	ALL	669422.3	4343841	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06

796	ALL	669342.3	4343761	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
632	ALL	669242.3	4343621	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
381	ALL	669122.3	4343501	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
893	ALL	669442.3	4343861	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
124	ALL	668982.3	4343381	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
757	ALL	669302.3	4343721	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
337	ALL	669102.3	4343481	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
79	ALL	668962.3	4343361	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
780	ALL	669322.3	4343741	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
293	ALL	669082.3	4343461	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
29	ALL	668942.3	4343341	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
710	ALL	669282.3	4343681	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
655	ALL	669262.3	4343641	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
815	ALL	669382.3	4343781	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
834	ALL	669402.3	4343801	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
251	ALL	669062.3	4343441	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
853	ALL	669422.3	4343821	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
1	ALL	668922.3	4343321	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
797	ALL	669362.3	4343761	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
209	ALL	669042.3	4343421	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
871	ALL	669442.3	4343841	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
558	ALL	669222.3	4343581	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
600	ALL	669242.3	4343601	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
516	ALL	669202.3	4343561	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
167	ALL	669022.3	4343401	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
471	ALL	669182.3	4343541	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
426	ALL	669162.3	4343521	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
678	ALL	669282.3	4343661	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
382	ALL	669142.3	4343501	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
781	ALL	669342.3	4343741	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
125	ALL	669002.3	4343381	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
734	ALL	669302.3	4343701	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
758	ALL	669322.3	4343721	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
633	ALL	669262.3	4343621	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
338	ALL	669122.3	4343481	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
80	ALL	668982.3	4343361	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
798	ALL	669382.3	4343761	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
816	ALL	669402.3	4343781	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
294	ALL	669102.3	4343461	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
30	ALL	668962.3	4343341	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
835	ALL	669422.3	4343801	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
854	ALL	669442.3	4343821	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
252	ALL	669082.3	4343441	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
2	ALL	668942.3	4343321	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
782	ALL	669362.3	4343741	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
656	ALL	669282.3	4343641	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
559	ALL	669242.3	4343581	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
210	ALL	669062.3	4343421	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
517	ALL	669222.3	4343561	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
711	ALL	669302.3	4343681	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
168	ALL	669042.3	4343401	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
601	ALL	669262.3	4343601	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
472	ALL	669202.3	4343541	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
427	ALL	669182.3	4343521	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
126	ALL	669022.3	4343381	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
383	ALL	669162.3	4343501	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
759	ALL	669342.3	4343721	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
735	ALL	669322.3	4343701	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
783	ALL	669382.3	4343741	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
81	ALL	669002.3	4343361	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
339	ALL	669142.3	4343481	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
799	ALL	669402.3	4343761	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
679	ALL	669302.3	4343661	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
634	ALL	669282.3	4343621	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
817	ALL	669422.3	4343781	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
31	ALL	668982.3	4343341	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
295	ALL	669122.3	4343461	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
836	ALL	669442.3	4343801	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
3	ALL	668962.3	4343321	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
253	ALL	669102.3	4343441	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
211	ALL	669082.3	4343421	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
560	ALL	669262.3	4343581	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
657	ALL	669302.3	4343641	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
518	ALL	669242.3	4343561	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
760	ALL	669362.3	4343721	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
169	ALL	669062.3	4343401	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
736	ALL	669342.3	4343701	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
473	ALL	669222.3	4343541	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
127	ALL	669042.3	4343381	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
602	ALL	669282.3	4343601	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
712	ALL	669322.3	4343681	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06

428	ALL	669202.3	4343521	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
784	ALL	669402.3	4343741	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
384	ALL	669182.3	4343501	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
82	ALL	669022.3	4343361	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
761	ALL	669382.3	4343721	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
800	ALL	669422.3	4343761	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
340	ALL	669162.3	4343481	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
32	ALL	669002.3	4343341	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
818	ALL	669442.3	4343781	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
296	ALL	669142.3	4343461	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
680	ALL	669322.3	4343661	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
635	ALL	669302.3	4343621	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
4	ALL	668982.3	4343321	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
254	ALL	669122.3	4343441	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
737	ALL	669362.3	4343701	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
713	ALL	669342.3	4343681	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
212	ALL	669102.3	4343421	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
519	ALL	669262.3	4343561	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
561	ALL	669282.3	4343581	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
658	ALL	669322.3	4343641	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
170	ALL	669082.3	4343401	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
474	ALL	669242.3	4343541	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
128	ALL	669062.3	4343381	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
429	ALL	669222.3	4343521	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
785	ALL	669422.3	4343741	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
603	ALL	669302.3	4343601	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
83	ALL	669042.3	4343361	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
762	ALL	669402.3	4343721	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
738	ALL	669382.3	4343701	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
385	ALL	669202.3	4343501	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
33	ALL	669022.3	4343341	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
714	ALL	669362.3	4343681	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
801	ALL	669442.3	4343761	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
681	ALL	669342.3	4343661	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
341	ALL	669182.3	4343481	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
297	ALL	669162.3	4343461	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
5	ALL	669002.3	4343321	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
636	ALL	669322.3	4343621	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
255	ALL	669142.3	4343441	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
213	ALL	669122.3	4343421	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
520	ALL	669282.3	4343561	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
171	ALL	669102.3	4343401	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
562	ALL	669302.3	4343581	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
659	ALL	669342.3	4343641	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
475	ALL	669262.3	4343541	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
129	ALL	669082.3	4343381	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
430	ALL	669242.3	4343521	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
715	ALL	669382.3	4343681	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
84	ALL	669062.3	4343361	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
763	ALL	669422.3	4343721	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
739	ALL	669402.3	4343701	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
786	ALL	669442.3	4343741	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
682	ALL	669362.3	4343661	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
604	ALL	669322.3	4343601	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
386	ALL	669222.3	4343501	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
34	ALL	669042.3	4343341	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
342	ALL	669202.3	4343481	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
6	ALL	669022.3	4343321	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
298	ALL	669182.3	4343461	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
637	ALL	669342.3	4343621	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
256	ALL	669162.3	4343441	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
214	ALL	669142.3	4343421	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
521	ALL	669302.3	4343561	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
172	ALL	669122.3	4343401	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
476	ALL	669282.3	4343541	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
660	ALL	669362.3	4343641	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
130	ALL	669102.3	4343381	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
563	ALL	669322.3	4343581	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
431	ALL	669262.3	4343521	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
85	ALL	669082.3	4343361	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
716	ALL	669402.3	4343681	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
764	ALL	669442.3	4343721	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
740	ALL	669422.3	4343701	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
683	ALL	669382.3	4343661	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
35	ALL	669062.3	4343341	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
387	ALL	669242.3	4343501	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
605	ALL	669342.3	4343601	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
7	ALL	669042.3	4343321	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
343	ALL	669222.3	4343481	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
299	ALL	669202.3	4343461	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
257	ALL	669182.3	4343441	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06

638	ALL	669362.3	4343621	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
215	ALL	669162.3	4343421	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
173	ALL	669142.3	4343401	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
522	ALL	669322.3	4343561	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
477	ALL	669302.3	4343541	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
131	ALL	669122.3	4343381	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
661	ALL	669382.3	4343641	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
564	ALL	669342.3	4343581	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
432	ALL	669282.3	4343521	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
684	ALL	669402.3	4343661	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
86	ALL	669102.3	4343361	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
741	ALL	669442.3	4343701	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
717	ALL	669422.3	4343681	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
36	ALL	669082.3	4343341	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
388	ALL	669262.3	4343501	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
8	ALL	669062.3	4343321	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
344	ALL	669242.3	4343481	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
606	ALL	669362.3	4343601	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
300	ALL	669222.3	4343461	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
258	ALL	669202.3	4343441	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
639	ALL	669382.3	4343621	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
216	ALL	669182.3	4343421	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
174	ALL	669162.3	4343401	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
662	ALL	669402.3	4343641	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
478	ALL	669322.3	4343541	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
132	ALL	669142.3	4343381	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
523	ALL	669342.3	4343561	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
685	ALL	669422.3	4343661	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
87	ALL	669122.3	4343361	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
433	ALL	669302.3	4343521	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
718	ALL	669442.3	4343681	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
565	ALL	669362.3	4343581	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
37	ALL	669102.3	4343341	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
389	ALL	669282.3	4343501	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
345	ALL	669262.3	4343481	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
9	ALL	669082.3	4343321	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
607	ALL	669382.3	4343601	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
301	ALL	669242.3	4343461	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
259	ALL	669222.3	4343441	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
640	ALL	669402.3	4343621	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
217	ALL	669202.3	4343421	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
175	ALL	669182.3	4343401	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
133	ALL	669162.3	4343381	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
663	ALL	669422.3	4343641	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
479	ALL	669342.3	4343541	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
88	ALL	669142.3	4343361	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
524	ALL	669362.3	4343561	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
686	ALL	669442.3	4343661	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
434	ALL	669322.3	4343521	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
38	ALL	669122.3	4343341	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
566	ALL	669382.3	4343581	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
390	ALL	669302.3	4343501	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
10	ALL	669102.3	4343321	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
346	ALL	669282.3	4343481	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
302	ALL	669262.3	4343461	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
608	ALL	669402.3	4343601	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
260	ALL	669242.3	4343441	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
218	ALL	669222.3	4343421	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
641	ALL	669422.3	4343621	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
176	ALL	669202.3	4343401	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
134	ALL	669182.3	4343381	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
89	ALL	669162.3	4343361	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
664	ALL	669442.3	4343641	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
480	ALL	669362.3	4343541	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
39	ALL	669142.3	4343341	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
525	ALL	669382.3	4343561	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
435	ALL	669342.3	4343521	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
11	ALL	669122.3	4343321	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
567	ALL	669402.3	4343581	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
391	ALL	669322.3	4343501	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
303	ALL	669282.3	4343461	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
347	ALL	669302.3	4343481	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
261	ALL	669262.3	4343441	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
219	ALL	669242.3	4343421	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
609	ALL	669422.3	4343601	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
177	ALL	669222.3	4343401	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
135	ALL	669202.3	4343381	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
90	ALL	669182.3	4343361	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
642	ALL	669442.3	4343621	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
40	ALL	669162.3	4343341	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
481	ALL	669382.3	4343541	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06

12	ALL	669142.3	4343321	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
436	ALL	669362.3	4343521	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
526	ALL	669402.3	4343561	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
392	ALL	669342.3	4343501	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
568	ALL	669422.3	4343581	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
220	ALL	669262.3	4343421	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
262	ALL	669282.3	4343441	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
304	ALL	669302.3	4343461	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
348	ALL	669322.3	4343481	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
178	ALL	669242.3	4343401	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
136	ALL	669222.3	4343381	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
610	ALL	669442.3	4343601	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
91	ALL	669202.3	4343361	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
41	ALL	669182.3	4343341	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
13	ALL	669162.3	4343321	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
482	ALL	669402.3	4343541	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
437	ALL	669382.3	4343521	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
527	ALL	669422.3	4343561	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
393	ALL	669362.3	4343501	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
179	ALL	669262.3	4343401	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
221	ALL	669282.3	4343421	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
137	ALL	669242.3	4343381	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
263	ALL	669302.3	4343441	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
569	ALL	669442.3	4343581	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
92	ALL	669222.3	4343361	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
305	ALL	669322.3	4343461	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
349	ALL	669342.3	4343481	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
42	ALL	669202.3	4343341	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
14	ALL	669182.3	4343321	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
483	ALL	669422.3	4343541	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
438	ALL	669402.3	4343521	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
138	ALL	669262.3	4343381	9.99E-07	30YrCancerDerived_InhSoilDermMMilk	9.99E-07
528	ALL	669442.3	4343561	9.99E-07	30YrCancerDerived_InhSoilDermMMilk	9.99E-07
180	ALL	669282.3	4343401	9.98E-07	30YrCancerDerived_InhSoilDermMMilk	9.98E-07
394	ALL	669382.3	4343501	9.98E-07	30YrCancerDerived_InhSoilDermMMilk	9.98E-07
93	ALL	669242.3	4343361	9.98E-07	30YrCancerDerived_InhSoilDermMMilk	9.98E-07
222	ALL	669302.3	4343421	9.98E-07	30YrCancerDerived_InhSoilDermMMilk	9.98E-07
264	ALL	669322.3	4343441	9.97E-07	30YrCancerDerived_InhSoilDermMMilk	9.97E-07
43	ALL	669222.3	4343341	9.95E-07	30YrCancerDerived_InhSoilDermMMilk	9.95E-07
306	ALL	669342.3	4343461	9.94E-07	30YrCancerDerived_InhSoilDermMMilk	9.94E-07
350	ALL	669362.3	4343481	9.94E-07	30YrCancerDerived_InhSoilDermMMilk	9.94E-07
15	ALL	669202.3	4343321	9.90E-07	30YrCancerDerived_InhSoilDermMMilk	9.90E-07
139	ALL	669282.3	4343381	9.76E-07	30YrCancerDerived_InhSoilDermMMilk	9.76E-07
484	ALL	669442.3	4343541	9.75E-07	30YrCancerDerived_InhSoilDermMMilk	9.75E-07
439	ALL	669422.3	4343521	9.75E-07	30YrCancerDerived_InhSoilDermMMilk	9.75E-07
181	ALL	669302.3	4343401	9.75E-07	30YrCancerDerived_InhSoilDermMMilk	9.75E-07
94	ALL	669262.3	4343361	9.75E-07	30YrCancerDerived_InhSoilDermMMilk	9.75E-07
223	ALL	669322.3	4343421	9.74E-07	30YrCancerDerived_InhSoilDermMMilk	9.74E-07
265	ALL	669342.3	4343441	9.73E-07	30YrCancerDerived_InhSoilDermMMilk	9.73E-07
395	ALL	669402.3	4343501	9.72E-07	30YrCancerDerived_InhSoilDermMMilk	9.72E-07
44	ALL	669242.3	4343341	9.72E-07	30YrCancerDerived_InhSoilDermMMilk	9.72E-07
307	ALL	669362.3	4343461	9.70E-07	30YrCancerDerived_InhSoilDermMMilk	9.70E-07
351	ALL	669382.3	4343481	9.69E-07	30YrCancerDerived_InhSoilDermMMilk	9.69E-07
16	ALL	669222.3	4343321	9.69E-07	30YrCancerDerived_InhSoilDermMMilk	9.69E-07
140	ALL	669302.3	4343381	9.53E-07	30YrCancerDerived_InhSoilDermMMilk	9.53E-07
182	ALL	669322.3	4343401	9.52E-07	30YrCancerDerived_InhSoilDermMMilk	9.52E-07
95	ALL	669282.3	4343361	9.52E-07	30YrCancerDerived_InhSoilDermMMilk	9.52E-07
224	ALL	669342.3	4343421	9.52E-07	30YrCancerDerived_InhSoilDermMMilk	9.52E-07
440	ALL	669442.3	4343521	9.51E-07	30YrCancerDerived_InhSoilDermMMilk	9.51E-07
266	ALL	669362.3	4343441	9.50E-07	30YrCancerDerived_InhSoilDermMMilk	9.50E-07
45	ALL	669262.3	4343341	9.49E-07	30YrCancerDerived_InhSoilDermMMilk	9.49E-07
396	ALL	669422.3	4343501	9.48E-07	30YrCancerDerived_InhSoilDermMMilk	9.48E-07
308	ALL	669382.3	4343461	9.48E-07	30YrCancerDerived_InhSoilDermMMilk	9.48E-07
17	ALL	669242.3	4343321	9.46E-07	30YrCancerDerived_InhSoilDermMMilk	9.46E-07
352	ALL	669402.3	4343481	9.45E-07	30YrCancerDerived_InhSoilDermMMilk	9.45E-07
141	ALL	669322.3	4343381	9.31E-07	30YrCancerDerived_InhSoilDermMMilk	9.31E-07
183	ALL	669342.3	4343401	9.31E-07	30YrCancerDerived_InhSoilDermMMilk	9.31E-07
96	ALL	669302.3	4343361	9.30E-07	30YrCancerDerived_InhSoilDermMMilk	9.30E-07
225	ALL	669362.3	4343421	9.30E-07	30YrCancerDerived_InhSoilDermMMilk	9.30E-07
267	ALL	669382.3	4343441	9.29E-07	30YrCancerDerived_InhSoilDermMMilk	9.29E-07
46	ALL	669282.3	4343341	9.26E-07	30YrCancerDerived_InhSoilDermMMilk	9.26E-07
309	ALL	669402.3	4343461	9.26E-07	30YrCancerDerived_InhSoilDermMMilk	9.26E-07
397	ALL	669442.3	4343501	9.25E-07	30YrCancerDerived_InhSoilDermMMilk	9.25E-07
18	ALL	669262.3	4343321	9.23E-07	30YrCancerDerived_InhSoilDermMMilk	9.23E-07
353	ALL	669422.3	4343481	9.22E-07	30YrCancerDerived_InhSoilDermMMilk	9.22E-07
184	ALL	669362.3	4343401	9.10E-07	30YrCancerDerived_InhSoilDermMMilk	9.10E-07
142	ALL	669342.3	4343381	9.10E-07	30YrCancerDerived_InhSoilDermMMilk	9.10E-07
226	ALL	669382.3	4343421	9.09E-07	30YrCancerDerived_InhSoilDermMMilk	9.09E-07
97	ALL	669322.3	4343361	9.09E-07	30YrCancerDerived_InhSoilDermMMilk	9.09E-07
268	ALL	669402.3	4343441	9.09E-07	30YrCancerDerived_InhSoilDermMMilk	9.09E-07
47	ALL	669302.3	4343341	9.05E-07	30YrCancerDerived_InhSoilDermMMilk	9.05E-07

310	ALL	669422.3	4343461	9.05E-07	30YrCancerDerived_InhSoilDermMMilk	9.05E-07
19	ALL	669282.3	4343321	9.01E-07	30YrCancerDerived_InhSoilDermMMilk	9.01E-07
354	ALL	669442.3	4343481	9.01E-07	30YrCancerDerived_InhSoilDermMMilk	9.01E-07
185	ALL	669382.3	4343401	8.90E-07	30YrCancerDerived_InhSoilDermMMilk	8.90E-07
143	ALL	669362.3	4343381	8.90E-07	30YrCancerDerived_InhSoilDermMMilk	8.90E-07
227	ALL	669402.3	4343421	8.90E-07	30YrCancerDerived_InhSoilDermMMilk	8.90E-07
269	ALL	669422.3	4343441	8.89E-07	30YrCancerDerived_InhSoilDermMMilk	8.89E-07
98	ALL	669342.3	4343361	8.88E-07	30YrCancerDerived_InhSoilDermMMilk	8.88E-07
48	ALL	669322.3	4343341	8.85E-07	30YrCancerDerived_InhSoilDermMMilk	8.85E-07
311	ALL	669442.3	4343461	8.84E-07	30YrCancerDerived_InhSoilDermMMilk	8.84E-07
20	ALL	669302.3	4343321	8.80E-07	30YrCancerDerived_InhSoilDermMMilk	8.80E-07
186	ALL	669402.3	4343401	8.70E-07	30YrCancerDerived_InhSoilDermMMilk	8.70E-07
228	ALL	669422.3	4343421	8.70E-07	30YrCancerDerived_InhSoilDermMMilk	8.70E-07
144	ALL	669382.3	4343381	8.69E-07	30YrCancerDerived_InhSoilDermMMilk	8.69E-07
270	ALL	669442.3	4343441	8.68E-07	30YrCancerDerived_InhSoilDermMMilk	8.68E-07
99	ALL	669362.3	4343361	8.67E-07	30YrCancerDerived_InhSoilDermMMilk	8.67E-07
49	ALL	669342.3	4343341	8.64E-07	30YrCancerDerived_InhSoilDermMMilk	8.64E-07
21	ALL	669322.3	4343321	8.61E-07	30YrCancerDerived_InhSoilDermMMilk	8.61E-07
187	ALL	669422.3	4343401	8.50E-07	30YrCancerDerived_InhSoilDermMMilk	8.50E-07
229	ALL	669442.3	4343421	8.50E-07	30YrCancerDerived_InhSoilDermMMilk	8.50E-07
145	ALL	669402.3	4343381	8.49E-07	30YrCancerDerived_InhSoilDermMMilk	8.49E-07
100	ALL	669382.3	4343361	8.47E-07	30YrCancerDerived_InhSoilDermMMilk	8.47E-07
50	ALL	669362.3	4343341	8.44E-07	30YrCancerDerived_InhSoilDermMMilk	8.44E-07
22	ALL	669342.3	4343321	8.41E-07	30YrCancerDerived_InhSoilDermMMilk	8.41E-07
188	ALL	669442.3	4343401	8.31E-07	30YrCancerDerived_InhSoilDermMMilk	8.31E-07
146	ALL	669422.3	4343381	8.30E-07	30YrCancerDerived_InhSoilDermMMilk	8.30E-07
101	ALL	669402.3	4343361	8.28E-07	30YrCancerDerived_InhSoilDermMMilk	8.28E-07
51	ALL	669382.3	4343341	8.25E-07	30YrCancerDerived_InhSoilDermMMilk	8.25E-07
23	ALL	669362.3	4343321	8.21E-07	30YrCancerDerived_InhSoilDermMMilk	8.21E-07
147	ALL	669442.3	4343381	8.12E-07	30YrCancerDerived_InhSoilDermMMilk	8.12E-07
102	ALL	669422.3	4343361	8.10E-07	30YrCancerDerived_InhSoilDermMMilk	8.10E-07
52	ALL	669402.3	4343341	8.07E-07	30YrCancerDerived_InhSoilDermMMilk	8.07E-07
24	ALL	669382.3	4343321	8.02E-07	30YrCancerDerived_InhSoilDermMMilk	8.02E-07
103	ALL	669442.3	4343361	7.92E-07	30YrCancerDerived_InhSoilDermMMilk	7.92E-07
53	ALL	669422.3	4343341	7.89E-07	30YrCancerDerived_InhSoilDermMMilk	7.89E-07
25	ALL	669402.3	4343321	7.84E-07	30YrCancerDerived_InhSoilDermMMilk	7.84E-07
54	ALL	669442.3	4343341	7.72E-07	30YrCancerDerived_InhSoilDermMMilk	7.72E-07
26	ALL	669422.3	4343321	7.65E-07	30YrCancerDerived_InhSoilDermMMilk	7.65E-07
27	ALL	669442.3	4343321	7.48E-07	30YrCancerDerived_InhSoilDermMMilk	7.48E-07

Item # 11.

*HARP - HRACalc v22118 10/12/2023 2:20:32 PM - Chronic Risk - Input File: C:\Users\imcintire\Desktop\HARP2\9478_DORSEY_CUMULATIVE_\hra\9478_DORSEY_CUMULATIVE_HRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	MAXHI
1095	ALL		668822.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-02
1060	ALL		668802.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-02
1028	ALL		668782.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-02
1679	ALL		669162.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-02
1294	ALL		668889.2	4344116	NonCancerChronicDerived_InhSoilDermMMilk	9.97E-03
1418	ALL		668942.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	9.94E-03
1131	ALL		668822.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	9.91E-03
1725	ALL		669182.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	9.91E-03
1094	ALL		668802.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	9.63E-03
1375	ALL		668922.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	9.48E-03
1548	ALL		669122.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	9.43E-03
1590	ALL		669002.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	9.41E-03
1059	ALL		668782.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	9.33E-03
1027	ALL		668762.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	9.05E-03
999	ALL		668742.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	8.71E-03
1591	ALL		669142.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	8.71E-03
742	ALL		668662.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.60E-03
1505	ALL		668962.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	8.58E-03
765	ALL		668682.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.50E-03
1724	ALL		669042.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	8.45E-03
787	ALL		668702.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	8.39E-03
975	ALL		668722.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	8.38E-03
1419	ALL		669082.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	8.37E-03
1212	ALL		669002.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	8.21E-03
1461	ALL		668942.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	8.20E-03
1635	ALL		669162.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	8.13E-03
903	ALL		668671.5	4343883	NonCancerChronicDerived_InhSoilDermMMilk	7.99E-03
1462	ALL		669102.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	7.95E-03
1417	ALL		668922.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	7.90E-03
1254	ALL		669022.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	7.81E-03
1680	ALL		669182.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	7.68E-03
1093	ALL		668782.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	7.65E-03
1589	ALL		668982.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	7.58E-03
1506	ALL		669122.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	7.52E-03
1726	ALL		669202.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	7.45E-03
1058	ALL		668762.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	7.44E-03
1295	ALL		669042.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	7.33E-03
1547	ALL		668962.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	7.30E-03
1026	ALL		668742.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	7.17E-03
842	ALL		668602.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	7.03E-03
1504	ALL		668942.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	7.02E-03
1549	ALL		669142.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	7.01E-03
1723	ALL		669022.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	6.93E-03
1334	ALL		669062.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	6.92E-03
998	ALL		668722.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	6.80E-03
1460	ALL		668922.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	6.80E-03
802	ALL		668562.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	6.78E-03
743	ALL		668682.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.75E-03
1678	ALL		669002.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	6.74E-03
1376	ALL		669082.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	6.68E-03
766	ALL		668702.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	6.67E-03
1592	ALL		669162.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	6.63E-03
788	ALL		668722.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	6.62E-03
1634	ALL		668982.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	6.56E-03
1130	ALL		668782.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	6.55E-03
1420	ALL		669102.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	6.40E-03
1213	ALL		669022.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	6.38E-03
1092	ALL		668762.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	6.36E-03
1636	ALL		669182.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	6.26E-03
1463	ALL		669122.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	6.19E-03
1057	ALL		668742.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	6.17E-03
1546	ALL		668942.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-03
952	ALL		668682.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	6.09E-03
1681	ALL		669202.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	6.09E-03
1255	ALL		669042.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	6.04E-03
1727	ALL		669222.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	6.02E-03
1503	ALL		668922.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	5.97E-03
1025	ALL		668722.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	5.88E-03
1722	ALL		669002.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	5.87E-03
1211	ALL		668802.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	5.86E-03
1507	ALL		669142.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	5.83E-03
1677	ALL		668982.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	5.75E-03
1170	ALL		668782.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	5.74E-03
841	ALL		668582.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	5.67E-03
821	ALL		668562.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	5.66E-03
1296	ALL		669062.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	5.65E-03
719	ALL		668682.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	5.64E-03
1633	ALL		668962.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	5.61E-03
1129	ALL		668762.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	5.59E-03
744	ALL		668702.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	5.58E-03

1550	ALL	669162.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	5.57E-03
767	ALL	668722.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	5.52E-03
1335	ALL	669082.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	5.45E-03
860	ALL	668822.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	5.45E-03
1091	ALL	668742.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	5.44E-03
879	ALL	668842.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	5.41E-03
1333	ALL	668842.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	5.40E-03
1171	ALL	669022.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	5.38E-03
1593	ALL	669182.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	5.32E-03
974	ALL	668682.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	5.27E-03
1056	ALL	668722.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	5.26E-03
1253	ALL	668802.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	5.21E-03
1377	ALL	669102.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	5.20E-03
1210	ALL	668782.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	5.12E-03
1637	ALL	669202.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	5.10E-03
1721	ALL	668982.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	5.09E-03
1214	ALL	669042.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	5.07E-03
1421	ALL	669122.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-03
1728	ALL	669242.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-03
1682	ALL	669222.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	5.04E-03
1169	ALL	668762.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	5.02E-03
1676	ALL	668962.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	5.00E-03
951	ALL	668662.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	4.97E-03
1416	ALL	668862.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.97E-03
441	ALL	668542.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-03
1464	ALL	669142.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-03
1632	ALL	668942.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.91E-03
485	ALL	668562.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	4.90E-03
1374	ALL	668842.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.87E-03
1128	ALL	668742.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	4.87E-03
720	ALL	668702.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	4.81E-03
840	ALL	668562.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	4.77E-03
1090	ALL	668722.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	4.75E-03
1508	ALL	669162.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	4.75E-03
745	ALL	668722.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	4.75E-03
1256	ALL	669062.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	4.74E-03
820	ALL	668542.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	4.74E-03
904	ALL	668882.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	4.70E-03
843	ALL	668822.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	4.69E-03
926	ALL	668902.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	4.69E-03
880	ALL	668862.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	4.67E-03
1252	ALL	668782.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-03
1502	ALL	668882.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	4.61E-03
1551	ALL	669182.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	4.59E-03
1209	ALL	668762.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	4.55E-03
1055	ALL	668702.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	4.54E-03
1459	ALL	668862.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	4.51E-03
1720	ALL	668962.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.50E-03
1297	ALL	669082.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	4.49E-03
973	ALL	668662.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	4.48E-03
1168	ALL	668742.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.45E-03
1675	ALL	668942.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.44E-03
1415	ALL	668842.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.43E-03
1594	ALL	669202.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	4.42E-03
1172	ALL	669042.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.39E-03
1336	ALL	669102.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	4.37E-03
1631	ALL	668922.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.37E-03
1729	ALL	669262.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.36E-03
1373	ALL	668822.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.35E-03
1683	ALL	669242.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.32E-03
1127	ALL	668722.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	4.32E-03
1638	ALL	669222.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.28E-03
398	ALL	668542.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	4.28E-03
1588	ALL	668902.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	4.28E-03
442	ALL	668562.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	4.24E-03
1378	ALL	669122.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.22E-03
1089	ALL	668702.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	4.22E-03
1293	ALL	668782.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	4.21E-03
1545	ALL	668882.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	4.20E-03
486	ALL	668582.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	4.20E-03
721	ALL	668722.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	4.18E-03
1422	ALL	669142.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.18E-03
997	ALL	668662.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	4.16E-03
1251	ALL	668762.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	4.15E-03
905	ALL	668902.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	4.15E-03
746	ALL	668742.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	4.15E-03
859	ALL	668562.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	4.14E-03
902	ALL	668602.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	4.13E-03
1501	ALL	668862.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	4.13E-03
927	ALL	668922.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	4.12E-03
839	ALL	668542.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	4.12E-03
844	ALL	668842.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	4.12E-03

1465	ALL	669162.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	4.10E-03
1215	ALL	669062.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	4.10E-03
861	ALL	668862.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	4.09E-03
1208	ALL	668742.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	4.08E-03
1054	ALL	668682.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	4.06E-03
1458	ALL	668842.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	4.06E-03
1719	ALL	668942.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.04E-03
976	ALL	668962.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	4.03E-03
1414	ALL	668822.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.99E-03
1167	ALL	668722.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.99E-03
1509	ALL	669182.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.98E-03
1674	ALL	668922.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.98E-03
1630	ALL	668902.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.93E-03
1372	ALL	668802.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.92E-03
972	ALL	668642.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	3.92E-03
1126	ALL	668702.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.89E-03
1132	ALL	669042.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.87E-03
1552	ALL	669202.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.86E-03
1587	ALL	668882.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.86E-03
1730	ALL	669282.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.84E-03
1684	ALL	669262.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.82E-03
1088	ALL	668682.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.81E-03
1292	ALL	668762.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.80E-03
1544	ALL	668862.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.80E-03
1595	ALL	669222.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.79E-03
1257	ALL	669082.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.78E-03
901	ALL	668582.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.77E-03
1250	ALL	668742.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.76E-03
355	ALL	668542.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	3.75E-03
687	ALL	668722.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	3.74E-03
399	ALL	668562.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	3.73E-03
1500	ALL	668842.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.73E-03
1639	ALL	669242.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.73E-03
312	ALL	668522.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	3.73E-03
996	ALL	668642.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	3.73E-03
878	ALL	668562.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.72E-03
570	ALL	668642.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	3.72E-03
443	ALL	668582.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	3.71E-03
1298	ALL	669102.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.71E-03
722	ALL	668742.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	3.70E-03
1207	ALL	668722.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.70E-03
925	ALL	668602.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.70E-03
881	ALL	668902.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.69E-03
487	ALL	668602.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	3.69E-03
822	ALL	668842.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	3.68E-03
747	ALL	668762.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	3.68E-03
906	ALL	668922.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.68E-03
858	ALL	668542.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.68E-03
1457	ALL	668822.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.67E-03
862	ALL	668882.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.66E-03
1173	ALL	669062.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.66E-03
928	ALL	668942.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.65E-03
838	ALL	668522.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	3.65E-03
1718	ALL	668922.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.65E-03
1337	ALL	669122.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.62E-03
1166	ALL	668702.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.62E-03
1413	ALL	668802.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.62E-03
1024	ALL	668642.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	3.61E-03
1673	ALL	668902.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.61E-03
953	ALL	668962.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.60E-03
1629	ALL	668882.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.57E-03
1371	ALL	668782.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.56E-03
1423	ALL	669162.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.56E-03
1379	ALL	669142.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.55E-03
1125	ALL	668682.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.55E-03
977	ALL	668982.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	3.54E-03
1586	ALL	668862.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.51E-03
1332	ALL	668762.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.50E-03
1466	ALL	669182.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.50E-03
1087	ALL	668662.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.49E-03
924	ALL	668582.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.47E-03
1291	ALL	668742.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.46E-03
1543	ALL	668842.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.46E-03
950	ALL	668602.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.45E-03
900	ALL	668562.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.45E-03
1000	ALL	669002.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	3.44E-03
1731	ALL	669302.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.42E-03
1685	ALL	669282.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.42E-03
1249	ALL	668722.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.42E-03
1053	ALL	668642.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	3.42E-03
1499	ALL	668822.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-03
1216	ALL	669082.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.39E-03

1510	ALL	669202.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.38E-03
1640	ALL	669262.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.38E-03
1206	ALL	668702.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.37E-03
877	ALL	668542.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.37E-03
1456	ALL	668802.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.35E-03
1553	ALL	669222.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.35E-03
571	ALL	668662.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	3.35E-03
688	ALL	668742.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	3.35E-03
1596	ALL	669242.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.34E-03
857	ALL	668522.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.34E-03
529	ALL	668642.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-03
1023	ALL	668622.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-03
1717	ALL	668902.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-03
356	ALL	668562.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-03
723	ALL	668762.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	3.32E-03
1133	ALL	669062.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.32E-03
882	ALL	668922.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.32E-03
313	ALL	668542.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	3.31E-03
1165	ALL	668682.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.31E-03
1412	ALL	668782.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.30E-03
1672	ALL	668882.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.30E-03
845	ALL	668882.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	3.29E-03
949	ALL	668582.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.26E-03
1628	ALL	668862.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.26E-03
1370	ALL	668762.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.26E-03
929	ALL	668962.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.25E-03
1124	ALL	668662.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.25E-03
923	ALL	668562.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-03
1585	ALL	668842.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.22E-03
1258	ALL	669102.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.21E-03
1331	ALL	668742.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-03
954	ALL	668982.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-03
1086	ALL	668642.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.18E-03
1542	ALL	668822.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.17E-03
1290	ALL	668722.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.17E-03
899	ALL	668542.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.16E-03
1299	ALL	669122.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.15E-03
1174	ALL	669082.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.14E-03
978	ALL	669002.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	3.14E-03
1248	ALL	668702.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-03
1498	ALL	668802.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-03
1052	ALL	668622.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	3.12E-03
1424	ALL	669182.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.11E-03
1686	ALL	669302.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.10E-03
1380	ALL	669162.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.10E-03
1338	ALL	669142.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.10E-03
876	ALL	668522.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.10E-03
1205	ALL	668682.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.09E-03
1641	ALL	669282.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.08E-03
1455	ALL	668782.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.08E-03
1732	ALL	669322.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.07E-03
1716	ALL	668882.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.05E-03
1467	ALL	669202.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.05E-03
948	ALL	668562.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-03
856	ALL	668502.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-03
1164	ALL	668662.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-03
572	ALL	668682.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-03
1411	ALL	668762.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.03E-03
1671	ALL	668862.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.03E-03
689	ALL	668762.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	3.03E-03
1597	ALL	669262.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-03
530	ALL	668662.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-03
803	ALL	668862.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-03
724	ALL	668782.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-03
846	ALL	668902.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	3.01E-03
488	ALL	668642.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	3.00E-03
1627	ALL	668842.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.00E-03
1369	ALL	668742.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.00E-03
1554	ALL	669242.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.99E-03
922	ALL	668542.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.98E-03
1123	ALL	668642.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-03
1584	ALL	668822.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.96E-03
1511	ALL	669222.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.95E-03
1134	ALL	669082.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.95E-03
1330	ALL	668722.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.95E-03
898	ALL	668522.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
1541	ALL	668802.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
1217	ALL	669102.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
1289	ALL	668702.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
930	ALL	668982.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.91E-03
1085	ALL	668622.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.91E-03
1247	ALL	668682.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.89E-03

1497	ALL	668782.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.88E-03
955	ALL	669002.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-03
875	ALL	668502.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.86E-03
1051	ALL	668602.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.86E-03
1204	ALL	668662.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.85E-03
1687	ALL	669322.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-03
1454	ALL	668762.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-03
1642	ALL	669302.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-03
1715	ALL	668862.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-03
947	ALL	668542.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-03
1670	ALL	668842.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-03
1410	ALL	668742.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.80E-03
1598	ALL	669282.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.79E-03
1163	ALL	668642.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.79E-03
1259	ALL	669122.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.78E-03
1733	ALL	669342.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.78E-03
573	ALL	668702.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.78E-03
1425	ALL	669202.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.78E-03
1381	ALL	669182.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-03
531	ALL	668682.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-03
1626	ALL	668822.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-03
789	ALL	668862.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-03
690	ALL	668782.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-03
1368	ALL	668722.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
921	ALL	668522.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
725	ALL	668802.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
823	ALL	668902.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
489	ALL	668662.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-03
1555	ALL	669262.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-03
1175	ALL	669102.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-03
1339	ALL	669162.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-03
1583	ALL	668802.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-03
1300	ALL	669142.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-03
1122	ALL	668622.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.72E-03
1329	ALL	668702.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.72E-03
444	ALL	668642.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.72E-03
897	ALL	668502.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-03
1540	ALL	668782.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-03
1468	ALL	669222.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-03
1288	ALL	668682.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03
1512	ALL	669242.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.68E-03
1084	ALL	668602.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.67E-03
1246	ALL	668662.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.67E-03
1496	ALL	668762.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-03
971	ALL	668542.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-03
874	ALL	668482.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-03
819	ALL	668442.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-03
1714	ALL	668842.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-03
1203	ALL	668642.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-03
1453	ALL	668742.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-03
1050	ALL	668582.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-03
1135	ALL	669102.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-03
1643	ALL	669322.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-03
946	ALL	668522.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-03
1669	ALL	668822.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.60E-03
1409	ALL	668722.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
1599	ALL	669302.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
1688	ALL	669342.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
1218	ALL	669122.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-03
920	ALL	668502.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-03
1162	ALL	668622.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-03
1625	ALL	668802.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-03
1556	ALL	669282.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-03
574	ALL	668722.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.56E-03
790	ALL	668882.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	2.56E-03
532	ALL	668702.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
1367	ALL	668702.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
824	ALL	668922.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
691	ALL	668802.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
1582	ALL	668782.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
490	ALL	668682.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-03
896	ALL	668482.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-03
1734	ALL	669362.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-03
1382	ALL	669202.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
995	ALL	668542.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
1328	ALL	668682.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
1513	ALL	669262.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
1539	ALL	668762.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
1121	ALL	668602.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-03
445	ALL	668662.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-03
837	ALL	668442.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-03
1426	ALL	669222.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-03

1287	ALL	668662.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-03
400	ALL	668642.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.49E-03
1495	ALL	668742.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-03
1245	ALL	668642.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-03
1469	ALL	669242.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-03
970	ALL	668522.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-03
1340	ALL	669182.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-03
1001	ALL	669062.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-03
873	ALL	668462.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-03
1083	ALL	668582.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-03
1713	ALL	668822.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-03
1260	ALL	669142.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-03
1176	ALL	669122.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-03
1301	ALL	669162.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-03
1452	ALL	668722.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-03
945	ALL	668502.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-03
1202	ALL	668622.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-03
1668	ALL	668802.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-03
1644	ALL	669342.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-03
919	ALL	668482.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-03
1049	ALL	668562.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-03
1408	ALL	668702.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-03
1600	ALL	669322.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-03
1624	ALL	668782.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
1557	ALL	669302.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
855	ALL	668442.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
1022	ALL	668542.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
1514	ALL	669282.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
1581	ALL	668762.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
1161	ALL	668602.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-03
768	ALL	668882.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-03
1689	ALL	669362.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-03
692	ALL	668822.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-03
1366	ALL	668682.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-03
895	ALL	668462.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-03
575	ALL	668742.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-03
533	ALL	668722.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-03
491	ALL	668702.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-03
1136	ALL	669122.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-03
1538	ALL	668742.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-03
1327	ALL	668662.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-03
994	ALL	668522.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
446	ALL	668682.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
55	ALL	668482.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
1470	ALL	669262.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
1286	ALL	668642.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
1494	ALL	668722.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
1120	ALL	668582.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
1219	ALL	669142.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
1735	ALL	669382.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
1383	ALL	669222.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
401	ALL	668662.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
969	ALL	668502.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
1427	ALL	669242.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
944	ALL	668482.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
357	ALL	668642.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
1244	ALL	668622.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
1712	ALL	668802.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-03
872	ALL	668442.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-03
1096	ALL	669122.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-03
1451	ALL	668702.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-03
1002	ALL	669082.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
1082	ALL	668562.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
918	ALL	668462.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03
1667	ALL	668782.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03
1601	ALL	669342.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-03
1407	ALL	668682.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1048	ALL	668542.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1201	ALL	668602.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1623	ALL	668762.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1558	ALL	669322.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-03
1341	ALL	669202.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-03
1515	ALL	669302.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
1645	ALL	669362.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
1177	ALL	669142.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
1580	ALL	668742.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
693	ALL	668842.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
1471	ALL	669282.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
665	ALL	668822.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
1021	ALL	668522.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
1261	ALL	669162.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
1302	ALL	669182.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03

894	ALL	668442.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
1365	ALL	668662.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
576	ALL	668762.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-03
1537	ALL	668722.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-03
534	ALL	668742.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-03
1160	ALL	668582.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-03
492	ALL	668722.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-03
993	ALL	668502.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-03
968	ALL	668482.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-03
1326	ALL	668642.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-03
104	ALL	668522.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-03
1690	ALL	669382.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-03
447	ALL	668702.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-03
943	ALL	668462.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1493	ALL	668702.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1428	ALL	669262.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1119	ALL	668562.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
1285	ALL	668622.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
402	ALL	668682.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
1137	ALL	669142.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
1711	ALL	668782.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
1384	ALL	669242.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
56	ALL	668502.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
358	ALL	668662.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
1450	ALL	668682.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
1081	ALL	668542.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
1243	ALL	668602.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
314	ALL	668642.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
917	ALL	668442.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
1666	ALL	668762.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
1736	ALL	669402.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
1097	ALL	669142.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
1622	ALL	668742.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-03
1220	ALL	669162.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-03
1559	ALL	669342.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-03
1047	ALL	668522.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-03
1602	ALL	669362.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1406	ALL	668662.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1472	ALL	669302.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1516	ALL	669322.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1579	ALL	668722.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
1200	ALL	668582.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
1020	ALL	668502.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
666	ALL	668842.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
992	ALL	668482.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
643	ALL	668822.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
694	ALL	668862.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
967	ALL	668462.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
1429	ALL	669282.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
1342	ALL	669222.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
577	ALL	668782.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-03
1536	ALL	668702.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-03
1646	ALL	669382.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-03
535	ALL	668762.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-03
1364	ALL	668642.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1159	ALL	668562.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
942	ALL	668442.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
493	ALL	668742.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
448	ALL	668722.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
791	ALL	668942.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1178	ALL	669162.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1492	ALL	668682.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1325	ALL	668622.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
1118	ALL	668542.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
1385	ALL	669262.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
403	ALL	668702.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
1710	ALL	668762.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
105	ALL	668542.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
931	ALL	669062.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
1080	ALL	668522.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
1691	ALL	669402.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
1284	ALL	668602.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
1262	ALL	669182.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
1303	ALL	669202.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
1449	ALL	668662.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
359	ALL	668682.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
1665	ALL	668742.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
315	ALL	668662.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
1046	ALL	668502.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
1560	ALL	669362.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
57	ALL	668522.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
1621	ALL	668722.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03

1138	ALL	669162.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
1019	ALL	668482.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
1242	ALL	668582.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
1517	ALL	669342.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
271	ALL	668642.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
991	ALL	668462.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
1473	ALL	669322.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
1430	ALL	669302.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
1578	ALL	668702.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
1098	ALL	669162.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
966	ALL	668442.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
1737	ALL	669422.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
1405	ALL	668642.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
644	ALL	668842.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
1343	ALL	669242.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
667	ALL	668862.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
611	ALL	668822.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
1199	ALL	668562.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
1603	ALL	669382.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
578	ALL	668802.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
695	ALL	668882.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
1535	ALL	668682.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
536	ALL	668782.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
1158	ALL	668542.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
1386	ALL	669282.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
494	ALL	668762.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1117	ALL	668522.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1363	ALL	668622.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1221	ALL	669182.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1491	ALL	668662.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
449	ALL	668742.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1647	ALL	669402.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
1079	ALL	668502.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
1709	ALL	668742.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
404	ALL	668722.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
1324	ALL	668602.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1045	ALL	668482.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1344	ALL	669262.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
932	ALL	669082.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
1061	ALL	669162.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
1664	ALL	668722.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
825	ALL	668982.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
360	ALL	668702.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
1018	ALL	668462.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
1283	ALL	668582.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
316	ALL	668682.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
1448	ALL	668642.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
990	ALL	668442.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
1518	ALL	669362.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
1304	ALL	669222.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
1620	ALL	668702.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
1474	ALL	669342.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
1241	ALL	668562.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1692	ALL	669422.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1179	ALL	669182.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
272	ALL	668662.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1431	ALL	669322.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1561	ALL	669382.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
58	ALL	668542.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
1577	ALL	668682.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
1198	ALL	668542.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
612	ALL	668842.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
804	ALL	668982.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
579	ALL	668822.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
645	ALL	668862.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
230	ALL	668642.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1387	ALL	669302.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
537	ALL	668802.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1263	ALL	669202.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1157	ALL	668522.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
668	ALL	668882.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1404	ALL	668622.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1534	ALL	668662.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1116	ALL	668502.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
495	ALL	668782.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
1078	ALL	668482.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
1139	ALL	669182.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
1362	ALL	668602.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
1604	ALL	669402.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
1738	ALL	669442.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
1044	ALL	668462.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
450	ALL	668762.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03

1099	ALL	669182.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1345	ALL	669282.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1708	ALL	668722.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1490	ALL	668642.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1323	ALL	668582.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
405	ALL	668742.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1017	ALL	668442.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1663	ALL	668702.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
361	ALL	668722.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1305	ALL	669242.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1282	ALL	668562.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
317	ALL	668702.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1648	ALL	669422.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1519	ALL	669382.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1240	ALL	668542.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1475	ALL	669362.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1619	ALL	668682.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
273	ALL	668682.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
1447	ALL	668622.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
1432	ALL	669342.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
1197	ALL	668522.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
1062	ALL	669182.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1576	ALL	668662.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1156	ALL	668502.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
580	ALL	668842.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1306	ALL	669262.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
538	ALL	668822.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
613	ALL	668862.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1115	ALL	668482.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1403	ALL	668602.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1222	ALL	669202.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
231	ALL	668662.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
496	ALL	668802.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1388	ALL	669322.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
59	ALL	668562.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
646	ALL	668882.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1562	ALL	669402.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1077	ALL	668462.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
669	ALL	668902.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1693	ALL	669442.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1533	ALL	668642.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
1361	ALL	668582.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
1043	ALL	668442.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
189	ALL	668642.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
1264	ALL	669222.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
451	ALL	668782.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1346	ALL	669302.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1322	ALL	668562.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1707	ALL	668702.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
805	ALL	669002.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
406	ALL	668762.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1489	ALL	668622.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1605	ALL	669422.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1281	ALL	668542.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
362	ALL	668742.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1662	ALL	668682.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1180	ALL	669202.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1029	ALL	669182.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
769	ALL	668982.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
318	ALL	668722.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
1239	ALL	668522.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
274	ALL	668702.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
1618	ALL	668662.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
1196	ALL	668502.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
1476	ALL	669382.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
1433	ALL	669362.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
1307	ALL	669282.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1446	ALL	668602.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1155	ALL	668482.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1140	ALL	669202.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1649	ALL	669442.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1114	ALL	668462.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
232	ALL	668682.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1520	ALL	669402.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1575	ALL	668642.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1402	ALL	668582.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1389	ALL	669342.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
497	ALL	668822.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
539	ALL	668842.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1076	ALL	668442.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1100	ALL	669202.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
614	ALL	668882.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03

581	ALL	668862.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
1360	ALL	668562.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
647	ALL	668902.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
452	ALL	668802.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
60	ALL	668582.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
1265	ALL	669242.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
1532	ALL	668622.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
190	ALL	668662.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
670	ALL	668922.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
1321	ALL	668542.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1347	ALL	669322.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1563	ALL	669422.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1706	ALL	668682.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1003	ALL	669182.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
407	ALL	668782.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1280	ALL	668522.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1223	ALL	669222.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
883	ALL	669082.7	4343856	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
726	ALL	668962.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
148	ALL	668642.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
363	ALL	668762.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1488	ALL	668602.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
748	ALL	668982.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1063	ALL	669202.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1661	ALL	668662.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1238	ALL	668502.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1195	ALL	668482.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
319	ALL	668742.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
770	ALL	669002.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
1266	ALL	669262.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
275	ALL	668722.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
1606	ALL	669442.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
1154	ALL	668462.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
1617	ALL	668642.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
1445	ALL	668582.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
1308	ALL	669302.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
1113	ALL	668442.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
1434	ALL	669382.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
106	ALL	668622.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
233	ALL	668702.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
806	ALL	669022.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1401	ALL	668562.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1390	ALL	669362.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1574	ALL	668622.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1477	ALL	669402.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1181	ALL	669222.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
453	ALL	668822.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1359	ALL	668542.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
498	ALL	668842.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1030	ALL	669202.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
191	ALL	668682.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
1521	ALL	669422.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
1320	ALL	668522.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
61	ALL	668602.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
615	ALL	668902.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
1531	ALL	668602.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
408	ALL	668802.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
540	ALL	668862.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
648	ALL	668922.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
582	ALL	668882.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1141	ALL	669222.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1279	ALL	668502.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1705	ALL	668662.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1237	ALL	668482.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
696	ALL	668962.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
1267	ALL	669282.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
149	ALL	668662.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
727	ALL	668982.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
1348	ALL	669342.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
364	ALL	668782.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
749	ALL	669002.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1194	ALL	668462.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1487	ALL	668582.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1660	ALL	668642.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1224	ALL	669242.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1101	ALL	669222.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1564	ALL	669442.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1153	ALL	668442.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
320	ALL	668762.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1444	ALL	668562.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1616	ALL	668622.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
276	ALL	668742.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03

1004	ALL	669202.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1309	ALL	669322.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
107	ALL	668642.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
234	ALL	668722.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1400	ALL	668542.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1391	ALL	669382.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1573	ALL	668602.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1358	ALL	668522.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1435	ALL	669402.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1064	ALL	669222.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
454	ALL	668842.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
192	ALL	668702.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1319	ALL	668502.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
409	ALL	668822.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1478	ALL	669422.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1278	ALL	668482.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1530	ALL	668582.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1225	ALL	669262.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
62	ALL	668622.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1182	ALL	669242.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1236	ALL	668462.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
616	ALL	668922.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
499	ALL	668862.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1704	ALL	668642.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
365	ALL	668802.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
583	ALL	668902.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1268	ALL	669302.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
150	ALL	668682.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1193	ALL	668442.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
697	ALL	668982.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1522	ALL	669442.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
541	ALL	668882.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1486	ALL	668562.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1349	ALL	669362.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1659	ALL	668622.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1031	ALL	669222.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
321	ALL	668782.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1443	ALL	668542.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1142	ALL	669242.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
108	ALL	668662.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1615	ALL	668602.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1399	ALL	668522.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
771	ALL	669042.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
277	ALL	668762.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1357	ALL	668502.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
235	ALL	668742.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1318	ALL	668482.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1226	ALL	669282.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1572	ALL	668582.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
193	ALL	668722.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1392	ALL	669402.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1102	ALL	669242.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
410	ALL	668842.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1277	ALL	668462.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1310	ALL	669342.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
826	ALL	669062.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1436	ALL	669422.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
455	ALL	668862.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
907	ALL	669182.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
1235	ALL	668442.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
1529	ALL	668562.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
366	ALL	668822.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
807	ALL	669062.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
63	ALL	668642.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
1005	ALL	669222.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
151	ALL	668702.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1183	ALL	669262.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1350	ALL	669382.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1479	ALL	669442.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
617	ALL	668942.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1703	ALL	668622.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
584	ALL	668922.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
698	ALL	669002.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1269	ALL	669322.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1485	ALL	668542.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
542	ALL	668902.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
1065	ALL	669242.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
322	ALL	668802.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
750	ALL	669042.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
500	ALL	668882.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
1658	ALL	668602.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
1442	ALL	668522.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03

1398	ALL	668502.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
109	ALL	668682.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1227	ALL	669302.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1356	ALL	668482.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
1614	ALL	668582.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
278	ALL	668782.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
772	ALL	669062.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
1317	ALL	668462.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
236	ALL	668762.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1184	ALL	669282.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1571	ALL	668562.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1276	ALL	668442.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
411	ALL	668862.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
194	ALL	668742.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1032	ALL	669242.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1393	ALL	669422.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1143	ALL	669262.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1311	ALL	669362.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
367	ALL	668842.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1528	ALL	668542.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1351	ALL	669402.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
1437	ALL	669442.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
618	ALL	668962.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
152	ALL	668722.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
64	ALL	668662.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
456	ALL	668882.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
585	ALL	668942.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
908	ALL	669202.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
699	ALL	669022.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
323	ALL	668822.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
1103	ALL	669262.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
1702	ALL	668602.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
543	ALL	668922.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1484	ALL	668522.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
728	ALL	669042.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
751	ALL	669062.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1441	ALL	668502.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
501	ALL	668902.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1185	ALL	669302.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1657	ALL	668582.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1397	ALL	668482.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1228	ALL	669322.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1312	ALL	669382.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1144	ALL	669282.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1355	ALL	668462.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
279	ALL	668802.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
110	ALL	668702.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1270	ALL	669342.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1613	ALL	668562.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
1316	ALL	668442.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
1006	ALL	669242.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
773	ALL	669082.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
237	ALL	668782.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1066	ALL	669262.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1570	ALL	668542.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
884	ALL	669202.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
368	ALL	668862.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
412	ALL	668882.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
195	ALL	668762.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1145	ALL	669302.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
619	ALL	668982.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1186	ALL	669322.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
586	ALL	668962.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1394	ALL	669442.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1527	ALL	668522.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1352	ALL	669422.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
544	ALL	668942.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
324	ALL	668842.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
65	ALL	668682.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
457	ALL	668902.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
153	ALL	668742.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1104	ALL	669282.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1483	ALL	668502.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
502	ALL	668922.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
729	ALL	669062.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1313	ALL	669402.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1701	ALL	668582.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1440	ALL	668482.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
979	ALL	669242.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
752	ALL	669082.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1396	ALL	668462.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1229	ALL	669342.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03

1271	ALL	669362.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
280	ALL	668822.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1656	ALL	668562.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1354	ALL	668442.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
111	ALL	668722.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
1033	ALL	669262.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
827	ALL	669162.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
1146	ALL	669322.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
1612	ALL	668542.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
1187	ALL	669342.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
1272	ALL	669382.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
238	ALL	668802.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
1569	ALL	668522.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
587	ALL	668982.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
369	ALL	668882.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
545	ALL	668962.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
620	ALL	669002.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
196	ALL	668782.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
413	ALL	668902.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1526	ALL	668502.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1067	ALL	669282.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1105	ALL	669302.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
458	ALL	668922.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
503	ALL	668942.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1147	ALL	669342.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1230	ALL	669362.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
325	ALL	668862.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
66	ALL	668702.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1314	ALL	669422.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1353	ALL	669442.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1482	ALL	668482.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
700	ALL	669062.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1439	ALL	668462.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
730	ALL	669082.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
154	ALL	668762.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1007	ALL	669262.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1188	ALL	669362.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
885	ALL	669222.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1395	ALL	668442.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1700	ALL	668562.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
281	ALL	668842.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
828	ALL	669182.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1273	ALL	669402.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1655	ALL	668542.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
792	ALL	669142.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1231	ALL	669382.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
112	ALL	668742.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
239	ALL	668822.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1148	ALL	669362.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1611	ALL	668522.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1106	ALL	669322.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1568	ALL	668502.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1189	ALL	669382.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
546	ALL	668982.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
504	ALL	668962.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
588	ALL	669002.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
67	ALL	668722.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1034	ALL	669282.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
459	ALL	668942.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
197	ALL	668802.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
414	ALL	668922.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
621	ALL	669022.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
370	ALL	668902.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1525	ALL	668482.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
980	ALL	669262.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
326	ALL	668882.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1315	ALL	669442.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1481	ALL	668462.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
863	ALL	669222.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1274	ALL	669422.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1232	ALL	669402.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1438	ALL	668442.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1068	ALL	669302.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
701	ALL	669082.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
155	ALL	668782.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
282	ALL	668862.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1149	ALL	669382.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1107	ALL	669342.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1699	ALL	668542.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1654	ALL	668522.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1190	ALL	669402.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
113	ALL	668762.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03

240	ALL	668842.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
1610	ALL	668502.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
956	ALL	669262.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
1567	ALL	668482.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
547	ALL	669002.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
505	ALL	668982.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1008	ALL	669282.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
460	ALL	668962.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
589	ALL	669022.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1233	ALL	669422.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
68	ALL	668742.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
198	ALL	668822.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
415	ALL	668942.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1108	ALL	669362.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1275	ALL	669442.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1524	ALL	668462.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
622	ALL	669042.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
371	ALL	668922.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
1480	ALL	668442.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
327	ALL	668902.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
1150	ALL	669402.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
1069	ALL	669322.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
156	ALL	668802.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
283	ALL	668882.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
774	ALL	669162.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
1035	ALL	669302.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
1698	ALL	668522.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
808	ALL	669202.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
1191	ALL	669422.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1653	ALL	668502.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1109	ALL	669382.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
241	ALL	668862.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
114	ALL	668782.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1609	ALL	668482.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
981	ALL	669282.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1234	ALL	669442.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1566	ALL	668462.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
548	ALL	669022.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
506	ALL	669002.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
590	ALL	669042.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
199	ALL	668842.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
461	ALL	668982.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1070	ALL	669342.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1523	ALL	668442.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
69	ALL	668762.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
416	ALL	668962.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
623	ALL	669062.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
372	ALL	668942.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
328	ALL	668922.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
1151	ALL	669422.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
157	ALL	668822.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
1110	ALL	669402.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
753	ALL	669162.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
284	ALL	668902.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
702	ALL	669122.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
775	ALL	669182.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
1009	ALL	669302.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
957	ALL	669282.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
1697	ALL	668502.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
1071	ALL	669362.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
1652	ALL	668482.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
242	ALL	668882.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
809	ALL	669222.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
1192	ALL	669442.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
115	ALL	668802.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
1608	ALL	668462.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
1036	ALL	669322.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
1565	ALL	668442.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
933	ALL	669282.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
200	ALL	668862.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
549	ALL	669042.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
507	ALL	669022.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
591	ALL	669062.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
462	ALL	669002.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
70	ALL	668782.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
624	ALL	669082.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
417	ALL	668982.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
373	ALL	668962.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
1072	ALL	669382.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
329	ALL	668942.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
982	ALL	669302.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
158	ALL	668842.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03

1111	ALL	669422.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
703	ALL	669142.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
285	ALL	668922.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
1152	ALL	669442.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
1010	ALL	669322.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
1696	ALL	668482.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
243	ALL	668902.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
1037	ALL	669342.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
1651	ALL	668462.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
116	ALL	668822.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
1607	ALL	668442.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
1073	ALL	669402.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
201	ALL	668882.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
550	ALL	669062.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
508	ALL	669042.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
592	ALL	669082.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
463	ALL	669022.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
958	ALL	669302.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
71	ALL	668802.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
625	ALL	669102.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
418	ALL	669002.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
159	ALL	668862.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
374	ALL	668982.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
1038	ALL	669362.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
671	ALL	669142.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
704	ALL	669162.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
330	ALL	668962.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
286	ALL	668942.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
983	ALL	669322.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
1112	ALL	669442.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
934	ALL	669302.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
1011	ALL	669342.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
1695	ALL	668462.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	9.98E-04
244	ALL	668922.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	9.95E-04
117	ALL	668842.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.94E-04
1650	ALL	668442.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	9.94E-04
1074	ALL	669422.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	9.93E-04
909	ALL	669302.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	9.87E-04
202	ALL	668902.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.86E-04
1039	ALL	669382.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	9.86E-04
551	ALL	669082.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.83E-04
593	ALL	669102.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	9.83E-04
509	ALL	669062.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	9.82E-04
464	ALL	669042.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	9.81E-04
626	ALL	669122.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	9.80E-04
72	ALL	668822.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	9.80E-04
419	ALL	669022.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.77E-04
649	ALL	669142.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	9.77E-04
160	ALL	668882.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.75E-04
672	ALL	669162.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	9.75E-04
705	ALL	669182.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	9.72E-04
375	ALL	669002.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	9.71E-04
886	ALL	669302.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	9.70E-04
1012	ALL	669362.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	9.70E-04
959	ALL	669322.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	9.70E-04
984	ALL	669342.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	9.66E-04
331	ALL	668982.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	9.66E-04
1694	ALL	668442.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	9.64E-04
1040	ALL	669402.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	9.64E-04
287	ALL	668962.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	9.64E-04
118	ALL	668862.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.62E-04
245	ALL	668942.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	9.59E-04
776	ALL	669242.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	9.58E-04
1075	ALL	669442.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	9.56E-04
935	ALL	669322.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	9.56E-04
203	ALL	668922.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.53E-04
552	ALL	669102.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.49E-04
594	ALL	669122.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	9.49E-04
910	ALL	669322.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	9.49E-04
510	ALL	669082.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	9.48E-04
627	ALL	669142.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	9.47E-04
465	ALL	669062.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	9.47E-04
864	ALL	669302.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	9.46E-04
73	ALL	668842.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	9.46E-04
1013	ALL	669382.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	9.46E-04
650	ALL	669162.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	9.45E-04
420	ALL	669042.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.43E-04
673	ALL	669182.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	9.43E-04
161	ALL	668902.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.43E-04
706	ALL	669202.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	9.41E-04
985	ALL	669362.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	9.40E-04
960	ALL	669342.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	9.39E-04

1041	ALL	669422.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	9.38E-04
376	ALL	669022.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	9.38E-04
887	ALL	669322.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	9.38E-04
936	ALL	669342.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	9.35E-04
119	ALL	668882.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.31E-04
332	ALL	669002.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	9.31E-04
288	ALL	668982.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	9.28E-04
911	ALL	669342.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	9.28E-04
1014	ALL	669402.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	9.25E-04
246	ALL	668962.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	9.24E-04
754	ALL	669242.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	9.24E-04
986	ALL	669382.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	9.23E-04
847	ALL	669302.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	9.21E-04
810	ALL	669282.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	9.20E-04
204	ALL	668942.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.20E-04
961	ALL	669362.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	9.19E-04
595	ALL	669142.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	9.17E-04
553	ALL	669122.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.17E-04
74	ALL	668862.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	9.16E-04
511	ALL	669102.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	9.16E-04
628	ALL	669162.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	9.16E-04
865	ALL	669322.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	9.15E-04
937	ALL	669362.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	9.15E-04
888	ALL	669342.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	9.15E-04
466	ALL	669082.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	9.14E-04
651	ALL	669182.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	9.14E-04
777	ALL	669262.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	9.13E-04
421	ALL	669062.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.12E-04
162	ALL	668922.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.11E-04
674	ALL	669202.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	9.11E-04
1042	ALL	669442.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	9.09E-04
962	ALL	669382.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	9.08E-04
377	ALL	669042.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	9.07E-04
912	ALL	669362.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	9.07E-04
707	ALL	669222.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	9.04E-04
987	ALL	669402.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	9.04E-04
1015	ALL	669422.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	9.03E-04
120	ALL	668902.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.01E-04
333	ALL	669022.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	9.00E-04
829	ALL	669302.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	8.98E-04
938	ALL	669382.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.97E-04
289	ALL	669002.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.95E-04
731	ALL	669242.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	8.94E-04
793	ALL	669282.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	8.93E-04
247	ALL	668982.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.92E-04
889	ALL	669362.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	8.91E-04
866	ALL	669342.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	8.90E-04
75	ALL	668882.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.90E-04
848	ALL	669322.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	8.89E-04
963	ALL	669402.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	8.89E-04
205	ALL	668962.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.87E-04
554	ALL	669142.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.86E-04
596	ALL	669162.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.86E-04
512	ALL	669122.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.86E-04
629	ALL	669182.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.86E-04
467	ALL	669102.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.84E-04
988	ALL	669422.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	8.84E-04
652	ALL	669202.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.84E-04
913	ALL	669382.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	8.83E-04
422	ALL	669082.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.82E-04
163	ALL	668942.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.81E-04
811	ALL	669302.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	8.80E-04
378	ALL	669062.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.78E-04
755	ALL	669262.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.77E-04
675	ALL	669222.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.77E-04
1016	ALL	669442.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	8.76E-04
939	ALL	669402.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.76E-04
121	ALL	668922.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.73E-04
334	ALL	669042.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.71E-04
964	ALL	669422.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	8.70E-04
867	ALL	669362.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	8.67E-04
849	ALL	669342.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	8.66E-04
708	ALL	669242.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.66E-04
76	ALL	668902.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.66E-04
290	ALL	669022.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.65E-04
890	ALL	669382.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	8.65E-04
830	ALL	669322.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	8.65E-04
778	ALL	669282.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.64E-04
989	ALL	669442.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	8.63E-04
248	ALL	669002.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.61E-04
914	ALL	669402.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	8.60E-04
206	ALL	668982.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.58E-04

513	ALL	669142.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.57E-04
555	ALL	669162.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.57E-04
597	ALL	669182.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.57E-04
630	ALL	669202.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.56E-04
468	ALL	669122.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.55E-04
940	ALL	669422.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.54E-04
794	ALL	669302.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	8.53E-04
423	ALL	669102.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.53E-04
164	ALL	668962.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.52E-04
653	ALL	669222.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.51E-04
965	ALL	669442.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	8.51E-04
379	ALL	669082.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.50E-04
732	ALL	669262.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	8.48E-04
812	ALL	669322.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	8.47E-04
122	ALL	668942.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.45E-04
850	ALL	669362.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	8.44E-04
868	ALL	669382.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	8.44E-04
335	ALL	669062.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.44E-04
831	ALL	669342.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	8.44E-04
891	ALL	669402.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	8.42E-04
676	ALL	669242.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.41E-04
77	ALL	668922.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.40E-04
291	ALL	669042.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.38E-04
915	ALL	669422.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	8.37E-04
249	ALL	669022.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.33E-04
941	ALL	669442.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.31E-04
756	ALL	669282.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.30E-04
207	ALL	669002.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.30E-04
556	ALL	669182.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.29E-04
514	ALL	669162.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.29E-04
598	ALL	669202.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.29E-04
469	ALL	669142.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.28E-04
631	ALL	669222.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.28E-04
424	ALL	669122.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.26E-04
165	ALL	668982.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.25E-04
709	ALL	669262.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.25E-04
813	ALL	669342.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	8.23E-04
779	ALL	669302.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.23E-04
832	ALL	669362.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	8.23E-04
380	ALL	669102.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.23E-04
851	ALL	669382.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	8.23E-04
869	ALL	669402.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	8.21E-04
123	ALL	668962.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.20E-04
795	ALL	669322.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	8.19E-04
892	ALL	669422.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	8.19E-04
654	ALL	669242.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.18E-04
336	ALL	669082.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.17E-04
78	ALL	668942.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.15E-04
916	ALL	669442.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	8.13E-04
292	ALL	669062.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.12E-04
28	ALL	668922.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	8.10E-04
250	ALL	669042.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.08E-04
733	ALL	669282.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	8.05E-04
599	ALL	669222.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.04E-04
208	ALL	669022.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.04E-04
677	ALL	669262.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.03E-04
814	ALL	669362.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	8.03E-04
833	ALL	669382.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	8.03E-04
515	ALL	669182.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.02E-04
557	ALL	669202.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.02E-04
852	ALL	669402.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	8.02E-04
470	ALL	669162.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.01E-04
166	ALL	669002.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.00E-04
425	ALL	669142.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.00E-04
870	ALL	669422.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	7.99E-04
796	ALL	669342.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.98E-04
632	ALL	669242.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.98E-04
381	ALL	669122.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.97E-04
893	ALL	669442.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	7.97E-04
124	ALL	668982.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.95E-04
757	ALL	669302.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.95E-04
337	ALL	669102.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.92E-04
79	ALL	668962.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.91E-04
780	ALL	669322.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.90E-04
293	ALL	669082.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.87E-04
29	ALL	668942.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.86E-04
710	ALL	669282.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.85E-04
655	ALL	669262.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.85E-04
815	ALL	669382.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.84E-04
834	ALL	669402.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	7.83E-04
251	ALL	669062.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.83E-04
853	ALL	669422.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	7.82E-04

797	ALL	669362.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.81E-04
1	ALL	668922.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.81E-04
209	ALL	669042.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.79E-04
871	ALL	669442.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	7.79E-04
558	ALL	669222.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.79E-04
600	ALL	669242.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.78E-04
516	ALL	669202.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-04
167	ALL	669022.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-04
471	ALL	669182.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-04
426	ALL	669162.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.75E-04
678	ALL	669282.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.73E-04
382	ALL	669142.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.72E-04
781	ALL	669342.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.72E-04
125	ALL	669002.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.72E-04
734	ALL	669302.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.72E-04
758	ALL	669322.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.70E-04
633	ALL	669262.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.69E-04
338	ALL	669122.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.69E-04
80	ALL	668982.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.68E-04
798	ALL	669382.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.67E-04
816	ALL	669402.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.65E-04
294	ALL	669102.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.64E-04
30	ALL	668962.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.64E-04
835	ALL	669422.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	7.63E-04
854	ALL	669442.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	7.59E-04
252	ALL	669082.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.59E-04
2	ALL	668942.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.59E-04
782	ALL	669362.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.58E-04
656	ALL	669282.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.58E-04
559	ALL	669242.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.56E-04
210	ALL	669062.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.55E-04
517	ALL	669222.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.53E-04
711	ALL	669302.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.53E-04
168	ALL	669042.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.53E-04
601	ALL	669262.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.52E-04
472	ALL	669202.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.51E-04
427	ALL	669182.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.50E-04
126	ALL	669022.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.49E-04
383	ALL	669162.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.49E-04
759	ALL	669342.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.48E-04
735	ALL	669322.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.48E-04
783	ALL	669382.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.47E-04
81	ALL	669002.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.46E-04
339	ALL	669142.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.46E-04
799	ALL	669402.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.46E-04
679	ALL	669302.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.44E-04
634	ALL	669282.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.43E-04
817	ALL	669422.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.43E-04
31	ALL	668982.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.42E-04
295	ALL	669122.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.42E-04
836	ALL	669442.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	7.40E-04
3	ALL	668962.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.37E-04
253	ALL	669102.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.37E-04
211	ALL	669082.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.34E-04
560	ALL	669262.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.34E-04
657	ALL	669302.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.33E-04
518	ALL	669242.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.32E-04
760	ALL	669362.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.32E-04
169	ALL	669062.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.31E-04
736	ALL	669342.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.29E-04
473	ALL	669222.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.29E-04
127	ALL	669042.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.28E-04
602	ALL	669282.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.28E-04
712	ALL	669322.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.27E-04
428	ALL	669202.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.27E-04
784	ALL	669402.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.26E-04
384	ALL	669182.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.26E-04
82	ALL	669022.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.25E-04
761	ALL	669382.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.24E-04
800	ALL	669422.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.24E-04
340	ALL	669162.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.24E-04
32	ALL	669002.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.22E-04
818	ALL	669442.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.21E-04
296	ALL	669142.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.21E-04
680	ALL	669322.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.20E-04
635	ALL	669302.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.20E-04
4	ALL	668982.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.17E-04
254	ALL	669122.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.17E-04
737	ALL	669362.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.16E-04
713	ALL	669342.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.14E-04
212	ALL	669102.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.13E-04
519	ALL	669262.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.12E-04

561	ALL	669282.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.12E-04
658	ALL	669322.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.11E-04
170	ALL	669082.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.10E-04
474	ALL	669242.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.09E-04
128	ALL	669062.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.08E-04
429	ALL	669222.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.06E-04
785	ALL	669422.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.06E-04
603	ALL	669302.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.05E-04
83	ALL	669042.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.05E-04
762	ALL	669402.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.05E-04
738	ALL	669382.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.05E-04
385	ALL	669202.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.04E-04
33	ALL	669022.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.03E-04
714	ALL	669362.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.03E-04
801	ALL	669442.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.03E-04
681	ALL	669342.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.02E-04
341	ALL	669182.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.02E-04
297	ALL	669162.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.00E-04
5	ALL	669002.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.99E-04
636	ALL	669322.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.98E-04
255	ALL	669142.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-04
213	ALL	669122.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.93E-04
520	ALL	669282.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.92E-04
171	ALL	669102.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.91E-04
562	ALL	669302.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.90E-04
659	ALL	669342.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.90E-04
475	ALL	669262.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.90E-04
129	ALL	669082.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.89E-04
430	ALL	669242.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.87E-04
715	ALL	669382.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.86E-04
84	ALL	669062.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.86E-04
763	ALL	669422.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.86E-04
739	ALL	669402.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.86E-04
786	ALL	669442.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	6.85E-04
682	ALL	669362.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.85E-04
604	ALL	669322.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.84E-04
386	ALL	669222.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.84E-04
34	ALL	669042.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.84E-04
342	ALL	669202.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.82E-04
6	ALL	669022.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.81E-04
298	ALL	669182.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.80E-04
637	ALL	669342.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.78E-04
256	ALL	669162.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.78E-04
214	ALL	669142.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.75E-04
521	ALL	669302.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.73E-04
172	ALL	669122.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.72E-04
476	ALL	669282.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.71E-04
660	ALL	669362.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.71E-04
130	ALL	669102.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.70E-04
563	ALL	669322.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.70E-04
431	ALL	669262.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.68E-04
85	ALL	669082.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.68E-04
716	ALL	669402.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.68E-04
764	ALL	669442.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.68E-04
740	ALL	669422.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.68E-04
683	ALL	669382.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.67E-04
35	ALL	669062.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.66E-04
387	ALL	669242.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.66E-04
605	ALL	669342.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.65E-04
7	ALL	669042.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.64E-04
343	ALL	669222.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.64E-04
299	ALL	669202.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.61E-04
257	ALL	669182.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.59E-04
638	ALL	669362.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.58E-04
215	ALL	669162.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.56E-04
173	ALL	669142.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.54E-04
522	ALL	669322.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.54E-04
477	ALL	669302.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.54E-04
131	ALL	669122.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.53E-04
661	ALL	669382.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.53E-04
564	ALL	669342.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.51E-04
432	ALL	669282.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.51E-04
684	ALL	669402.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.51E-04
86	ALL	669102.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.51E-04
741	ALL	669442.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.50E-04
717	ALL	669422.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.50E-04
388	ALL	669262.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.48E-04
36	ALL	669082.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.48E-04
8	ALL	669062.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.46E-04
344	ALL	669242.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.46E-04
606	ALL	669362.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.46E-04
300	ALL	669222.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.44E-04

258	ALL	669202.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.41E-04
639	ALL	669382.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.40E-04
216	ALL	669182.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.39E-04
174	ALL	669162.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.38E-04
662	ALL	669402.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.36E-04
478	ALL	669322.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.36E-04
132	ALL	669142.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.36E-04
523	ALL	669342.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.36E-04
685	ALL	669422.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.35E-04
87	ALL	669122.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.34E-04
433	ALL	669302.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.34E-04
718	ALL	669442.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.33E-04
565	ALL	669362.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.33E-04
37	ALL	669102.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.32E-04
389	ALL	669282.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.31E-04
345	ALL	669262.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.30E-04
9	ALL	669082.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.30E-04
607	ALL	669382.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.29E-04
301	ALL	669242.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.28E-04
259	ALL	669222.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.25E-04
640	ALL	669402.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.24E-04
217	ALL	669202.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.22E-04
175	ALL	669182.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.22E-04
133	ALL	669162.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.21E-04
663	ALL	669422.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.21E-04
479	ALL	669342.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.19E-04
88	ALL	669142.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.19E-04
686	ALL	669442.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.19E-04
524	ALL	669362.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.19E-04
434	ALL	669322.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.18E-04
38	ALL	669122.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-04
566	ALL	669382.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-04
390	ALL	669302.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.15E-04
10	ALL	669102.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.14E-04
346	ALL	669282.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.13E-04
302	ALL	669262.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.12E-04
608	ALL	669402.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.11E-04
260	ALL	669242.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.10E-04
218	ALL	669222.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.09E-04
641	ALL	669422.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.07E-04
176	ALL	669202.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.07E-04
134	ALL	669182.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.06E-04
89	ALL	669162.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.05E-04
664	ALL	669442.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.05E-04
480	ALL	669362.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.03E-04
39	ALL	669142.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.02E-04
525	ALL	669382.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.02E-04
435	ALL	669342.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.01E-04
11	ALL	669122.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.99E-04
567	ALL	669402.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	5.99E-04
391	ALL	669322.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.99E-04
347	ALL	669302.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.97E-04
303	ALL	669282.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.97E-04
261	ALL	669262.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.96E-04
219	ALL	669242.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.95E-04
609	ALL	669422.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	5.95E-04
177	ALL	669222.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.94E-04
135	ALL	669202.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.93E-04
642	ALL	669442.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	5.92E-04
90	ALL	669182.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.92E-04
40	ALL	669162.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.89E-04
481	ALL	669382.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.87E-04
436	ALL	669362.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.86E-04
12	ALL	669142.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.86E-04
526	ALL	669402.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.86E-04
392	ALL	669342.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.84E-04
568	ALL	669422.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	5.83E-04
220	ALL	669262.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.82E-04
262	ALL	669282.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.82E-04
304	ALL	669302.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.82E-04
348	ALL	669322.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.81E-04
178	ALL	669242.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.81E-04
136	ALL	669222.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.80E-04
610	ALL	669442.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	5.79E-04
91	ALL	669202.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.79E-04
41	ALL	669182.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.77E-04
13	ALL	669162.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.73E-04
482	ALL	669402.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.72E-04
437	ALL	669382.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.71E-04
527	ALL	669422.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.70E-04
393	ALL	669362.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.69E-04
179	ALL	669262.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.69E-04

221	ALL	669282.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.68E-04
137	ALL	669242.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.68E-04
569	ALL	669442.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	5.68E-04
263	ALL	669302.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.68E-04
92	ALL	669222.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.67E-04
305	ALL	669322.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.67E-04
349	ALL	669342.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.67E-04
42	ALL	669202.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.65E-04
14	ALL	669182.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.62E-04
483	ALL	669422.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.57E-04
438	ALL	669402.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.56E-04
138	ALL	669262.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.56E-04
528	ALL	669442.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.55E-04
180	ALL	669282.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.55E-04
394	ALL	669382.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.55E-04
93	ALL	669242.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.55E-04
222	ALL	669302.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.55E-04
264	ALL	669322.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.54E-04
43	ALL	669222.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.53E-04
306	ALL	669342.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.53E-04
350	ALL	669362.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.53E-04
15	ALL	669202.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.51E-04
139	ALL	669282.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.43E-04
484	ALL	669442.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.42E-04
439	ALL	669422.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.42E-04
181	ALL	669302.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.42E-04
94	ALL	669262.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.42E-04
223	ALL	669322.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.42E-04
265	ALL	669342.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.41E-04
395	ALL	669402.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.41E-04
44	ALL	669242.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.41E-04
307	ALL	669362.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.40E-04
351	ALL	669382.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.39E-04
16	ALL	669222.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.39E-04
140	ALL	669302.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-04
182	ALL	669322.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-04
95	ALL	669282.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-04
224	ALL	669342.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.29E-04
440	ALL	669442.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.29E-04
266	ALL	669362.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.28E-04
45	ALL	669262.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.28E-04
396	ALL	669422.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.27E-04
308	ALL	669382.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.27E-04
17	ALL	669242.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.26E-04
352	ALL	669402.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.26E-04
141	ALL	669322.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.18E-04
183	ALL	669342.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.18E-04
96	ALL	669302.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.17E-04
225	ALL	669362.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.17E-04
267	ALL	669382.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.17E-04
46	ALL	669282.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.15E-04
309	ALL	669402.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.15E-04
397	ALL	669442.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.14E-04
18	ALL	669262.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.13E-04
353	ALL	669422.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.13E-04
184	ALL	669362.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-04
142	ALL	669342.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-04
226	ALL	669382.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-04
97	ALL	669322.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-04
268	ALL	669402.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.05E-04
47	ALL	669302.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.03E-04
310	ALL	669422.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.03E-04
19	ALL	669282.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.01E-04
354	ALL	669442.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.01E-04
185	ALL	669382.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-04
143	ALL	669362.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-04
227	ALL	669402.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-04
269	ALL	669422.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	4.94E-04
98	ALL	669342.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.94E-04
48	ALL	669322.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.92E-04
311	ALL	669442.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	4.92E-04
20	ALL	669302.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.90E-04
186	ALL	669402.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.84E-04
228	ALL	669422.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.84E-04
144	ALL	669382.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.83E-04
270	ALL	669442.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	4.83E-04
99	ALL	669362.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.82E-04
49	ALL	669342.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.81E-04
21	ALL	669322.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.79E-04
187	ALL	669422.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.73E-04
229	ALL	669442.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.73E-04
145	ALL	669402.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.72E-04

100	ALL	669382.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.71E-04
50	ALL	669362.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.70E-04
22	ALL	669342.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.68E-04
188	ALL	669442.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-04
146	ALL	669422.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-04
101	ALL	669402.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.61E-04
51	ALL	669382.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.59E-04
23	ALL	669362.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.57E-04
147	ALL	669442.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.52E-04
102	ALL	669422.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.50E-04
52	ALL	669402.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.49E-04
24	ALL	669382.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.46E-04
103	ALL	669442.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.41E-04
53	ALL	669422.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.39E-04
25	ALL	669402.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.36E-04
54	ALL	669442.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.29E-04
26	ALL	669422.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.26E-04
27	ALL	669442.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.16E-04

*HARP - HRACalc v22118 10/12/2023 2:26:41 PM - Cancer Risk - Input File: C:\Users\imcintire\Desktop\HARP2\9478_DORSEY_CUMULATIVE-PROJECT_\hra\9478_DORSEY_CUMULATIVE-PROJECT_HRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK
1095	ALL		668822.3	4344021	2.89E-05	30YrCancerDerived_InhSoilDermMMilk	2.89E-05
1060	ALL		668802.3	4344001	2.79E-05	30YrCancerDerived_InhSoilDermMMilk	2.79E-05
1028	ALL		668782.3	4343981	2.68E-05	30YrCancerDerived_InhSoilDermMMilk	2.68E-05
1679	ALL		669162.3	4344301	2.34E-05	30YrCancerDerived_InhSoilDermMMilk	2.34E-05
1294	ALL		668889.2	4344116	2.20E-05	30YrCancerDerived_InhSoilDermMMilk	2.20E-05
1418	ALL		668942.3	4344181	2.19E-05	30YrCancerDerived_InhSoilDermMMilk	2.19E-05
1131	ALL		668822.3	4344041	2.19E-05	30YrCancerDerived_InhSoilDermMMilk	2.19E-05
1725	ALL		669182.3	4344321	2.19E-05	30YrCancerDerived_InhSoilDermMMilk	2.19E-05
1094	ALL		668802.3	4344021	2.12E-05	30YrCancerDerived_InhSoilDermMMilk	2.12E-05
1375	ALL		668922.3	4344161	2.09E-05	30YrCancerDerived_InhSoilDermMMilk	2.09E-05
1548	ALL		669122.3	4344241	2.08E-05	30YrCancerDerived_InhSoilDermMMilk	2.08E-05
1590	ALL		669002.3	4344261	2.08E-05	30YrCancerDerived_InhSoilDermMMilk	2.08E-05
1059	ALL		668782.3	4344001	2.06E-05	30YrCancerDerived_InhSoilDermMMilk	2.06E-05
1027	ALL		668762.3	4343981	2.00E-05	30YrCancerDerived_InhSoilDermMMilk	2.00E-05
999	ALL		668742.3	4343961	1.92E-05	30YrCancerDerived_InhSoilDermMMilk	1.92E-05
1591	ALL		669142.3	4344261	1.92E-05	30YrCancerDerived_InhSoilDermMMilk	1.92E-05
742	ALL		668662.3	4343721	1.90E-05	30YrCancerDerived_InhSoilDermMMilk	1.90E-05
1505	ALL		668962.3	4344221	1.89E-05	30YrCancerDerived_InhSoilDermMMilk	1.89E-05
765	ALL		668682.3	4343741	1.88E-05	30YrCancerDerived_InhSoilDermMMilk	1.88E-05
1724	ALL		669042.3	4344321	1.86E-05	30YrCancerDerived_InhSoilDermMMilk	1.86E-05
787	ALL		668702.3	4343761	1.85E-05	30YrCancerDerived_InhSoilDermMMilk	1.85E-05
975	ALL		668722.3	4343941	1.85E-05	30YrCancerDerived_InhSoilDermMMilk	1.85E-05
1419	ALL		669082.3	4344181	1.85E-05	30YrCancerDerived_InhSoilDermMMilk	1.85E-05
1212	ALL		669002.3	4344081	1.81E-05	30YrCancerDerived_InhSoilDermMMilk	1.81E-05
1461	ALL		668942.3	4344201	1.81E-05	30YrCancerDerived_InhSoilDermMMilk	1.81E-05
1635	ALL		669162.3	4344281	1.79E-05	30YrCancerDerived_InhSoilDermMMilk	1.79E-05
903	ALL		668671.5	4343883	1.76E-05	30YrCancerDerived_InhSoilDermMMilk	1.76E-05
1462	ALL		669102.3	4344201	1.75E-05	30YrCancerDerived_InhSoilDermMMilk	1.75E-05
1417	ALL		668922.3	4344181	1.74E-05	30YrCancerDerived_InhSoilDermMMilk	1.74E-05
1254	ALL		669022.3	4344101	1.72E-05	30YrCancerDerived_InhSoilDermMMilk	1.72E-05
1680	ALL		669182.3	4344301	1.69E-05	30YrCancerDerived_InhSoilDermMMilk	1.69E-05
1093	ALL		668782.3	4344021	1.69E-05	30YrCancerDerived_InhSoilDermMMilk	1.69E-05
1589	ALL		668982.3	4344261	1.67E-05	30YrCancerDerived_InhSoilDermMMilk	1.67E-05
1506	ALL		669122.3	4344221	1.66E-05	30YrCancerDerived_InhSoilDermMMilk	1.66E-05
1726	ALL		669202.3	4344321	1.64E-05	30YrCancerDerived_InhSoilDermMMilk	1.64E-05
1058	ALL		668762.3	4344001	1.64E-05	30YrCancerDerived_InhSoilDermMMilk	1.64E-05
1295	ALL		669042.3	4344121	1.62E-05	30YrCancerDerived_InhSoilDermMMilk	1.62E-05
1547	ALL		668962.3	4344241	1.61E-05	30YrCancerDerived_InhSoilDermMMilk	1.61E-05
1026	ALL		668742.3	4343981	1.58E-05	30YrCancerDerived_InhSoilDermMMilk	1.58E-05
842	ALL		668602.3	4343821	1.55E-05	30YrCancerDerived_InhSoilDermMMilk	1.55E-05
1504	ALL		668942.3	4344221	1.55E-05	30YrCancerDerived_InhSoilDermMMilk	1.55E-05
1549	ALL		669142.3	4344241	1.55E-05	30YrCancerDerived_InhSoilDermMMilk	1.55E-05
1723	ALL		669022.3	4344321	1.53E-05	30YrCancerDerived_InhSoilDermMMilk	1.53E-05
1334	ALL		669062.3	4344141	1.53E-05	30YrCancerDerived_InhSoilDermMMilk	1.53E-05
998	ALL		668722.3	4343961	1.50E-05	30YrCancerDerived_InhSoilDermMMilk	1.50E-05
1460	ALL		668922.3	4344201	1.50E-05	30YrCancerDerived_InhSoilDermMMilk	1.50E-05
802	ALL		668562.3	4343781	1.50E-05	30YrCancerDerived_InhSoilDermMMilk	1.50E-05
743	ALL		668682.3	4343721	1.49E-05	30YrCancerDerived_InhSoilDermMMilk	1.49E-05
1678	ALL		669002.3	4344301	1.49E-05	30YrCancerDerived_InhSoilDermMMilk	1.49E-05
1376	ALL		669082.3	4344161	1.47E-05	30YrCancerDerived_InhSoilDermMMilk	1.47E-05
766	ALL		668702.3	4343741	1.47E-05	30YrCancerDerived_InhSoilDermMMilk	1.47E-05
1592	ALL		669162.3	4344261	1.46E-05	30YrCancerDerived_InhSoilDermMMilk	1.46E-05
788	ALL		668722.3	4343761	1.46E-05	30YrCancerDerived_InhSoilDermMMilk	1.46E-05
1634	ALL		668982.3	4344281	1.45E-05	30YrCancerDerived_InhSoilDermMMilk	1.45E-05
1130	ALL		668782.3	4344041	1.45E-05	30YrCancerDerived_InhSoilDermMMilk	1.45E-05
1420	ALL		669102.3	4344181	1.41E-05	30YrCancerDerived_InhSoilDermMMilk	1.41E-05
1213	ALL		669022.3	4344081	1.41E-05	30YrCancerDerived_InhSoilDermMMilk	1.41E-05
1092	ALL		668762.3	4344021	1.40E-05	30YrCancerDerived_InhSoilDermMMilk	1.40E-05
1636	ALL		669182.3	4344281	1.38E-05	30YrCancerDerived_InhSoilDermMMilk	1.38E-05
1463	ALL		669122.3	4344201	1.37E-05	30YrCancerDerived_InhSoilDermMMilk	1.37E-05
1057	ALL		668742.3	4344001	1.36E-05	30YrCancerDerived_InhSoilDermMMilk	1.36E-05
1546	ALL		668942.3	4344241	1.36E-05	30YrCancerDerived_InhSoilDermMMilk	1.36E-05
952	ALL		668682.3	4343921	1.34E-05	30YrCancerDerived_InhSoilDermMMilk	1.34E-05
1681	ALL		669202.3	4344301	1.34E-05	30YrCancerDerived_InhSoilDermMMilk	1.34E-05
1255	ALL		669042.3	4344101	1.33E-05	30YrCancerDerived_InhSoilDermMMilk	1.33E-05
1727	ALL		669222.3	4344321	1.33E-05	30YrCancerDerived_InhSoilDermMMilk	1.33E-05
1503	ALL		668922.3	4344221	1.32E-05	30YrCancerDerived_InhSoilDermMMilk	1.32E-05
1025	ALL		668722.3	4343981	1.30E-05	30YrCancerDerived_InhSoilDermMMilk	1.30E-05
1722	ALL		669002.3	4344321	1.29E-05	30YrCancerDerived_InhSoilDermMMilk	1.29E-05
1211	ALL		668802.3	4344081	1.29E-05	30YrCancerDerived_InhSoilDermMMilk	1.29E-05
1507	ALL		669142.3	4344221	1.29E-05	30YrCancerDerived_InhSoilDermMMilk	1.29E-05
1677	ALL		668982.3	4344301	1.27E-05	30YrCancerDerived_InhSoilDermMMilk	1.27E-05
1170	ALL		668782.3	4344061	1.27E-05	30YrCancerDerived_InhSoilDermMMilk	1.27E-05
841	ALL		668582.3	4343821	1.25E-05	30YrCancerDerived_InhSoilDermMMilk	1.25E-05
821	ALL		668562.3	4343801	1.25E-05	30YrCancerDerived_InhSoilDermMMilk	1.25E-05
1296	ALL		669062.3	4344121	1.25E-05	30YrCancerDerived_InhSoilDermMMilk	1.25E-05
719	ALL		668682.3	4343701	1.25E-05	30YrCancerDerived_InhSoilDermMMilk	1.25E-05
1633	ALL		668962.3	4344281	1.24E-05	30YrCancerDerived_InhSoilDermMMilk	1.24E-05
1129	ALL		668762.3	4344041	1.23E-05	30YrCancerDerived_InhSoilDermMMilk	1.23E-05
744	ALL		668702.3	4343721	1.23E-05	30YrCancerDerived_InhSoilDermMMilk	1.23E-05
1550	ALL		669162.3	4344241	1.23E-05	30YrCancerDerived_InhSoilDermMMilk	1.23E-05
767	ALL		668722.3	4343741	1.22E-05	30YrCancerDerived_InhSoilDermMMilk	1.22E-05
1335	ALL		669082.3	4344141	1.20E-05	30YrCancerDerived_InhSoilDermMMilk	1.20E-05
860	ALL		668822.3	4343841	1.20E-05	30YrCancerDerived_InhSoilDermMMilk	1.20E-05
1091	ALL		668742.3	4344021	1.20E-05	30YrCancerDerived_InhSoilDermMMilk	1.20E-05
879	ALL		668842.3	4343861	1.19E-05	30YrCancerDerived_InhSoilDermMMilk	1.19E-05

1333	ALL	668842.3	4344141	1.19E-05	30YrCancerDerived_InhSoilDermMMilk	1.19E-05
1171	ALL	669022.3	4344061	1.19E-05	30YrCancerDerived_InhSoilDermMMilk	1.19E-05
1593	ALL	669182.3	4344261	1.17E-05	30YrCancerDerived_InhSoilDermMMilk	1.17E-05
974	ALL	668682.3	4343941	1.16E-05	30YrCancerDerived_InhSoilDermMMilk	1.16E-05
1056	ALL	668722.3	4344001	1.16E-05	30YrCancerDerived_InhSoilDermMMilk	1.16E-05
1253	ALL	668802.3	4344101	1.15E-05	30YrCancerDerived_InhSoilDermMMilk	1.15E-05
1377	ALL	669102.3	4344161	1.15E-05	30YrCancerDerived_InhSoilDermMMilk	1.15E-05
1210	ALL	668782.3	4344081	1.13E-05	30YrCancerDerived_InhSoilDermMMilk	1.13E-05
1637	ALL	669202.3	4344281	1.13E-05	30YrCancerDerived_InhSoilDermMMilk	1.13E-05
1721	ALL	668982.3	4344321	1.12E-05	30YrCancerDerived_InhSoilDermMMilk	1.12E-05
1214	ALL	669042.3	4344081	1.12E-05	30YrCancerDerived_InhSoilDermMMilk	1.12E-05
1421	ALL	669122.3	4344181	1.12E-05	30YrCancerDerived_InhSoilDermMMilk	1.12E-05
1728	ALL	669242.3	4344321	1.12E-05	30YrCancerDerived_InhSoilDermMMilk	1.12E-05
1682	ALL	669222.3	4344301	1.11E-05	30YrCancerDerived_InhSoilDermMMilk	1.11E-05
1169	ALL	668762.3	4344061	1.11E-05	30YrCancerDerived_InhSoilDermMMilk	1.11E-05
1676	ALL	668962.3	4344301	1.10E-05	30YrCancerDerived_InhSoilDermMMilk	1.10E-05
951	ALL	668662.3	4343921	1.10E-05	30YrCancerDerived_InhSoilDermMMilk	1.10E-05
1416	ALL	668862.3	4344181	1.10E-05	30YrCancerDerived_InhSoilDermMMilk	1.10E-05
441	ALL	668542.3	4343541	1.09E-05	30YrCancerDerived_InhSoilDermMMilk	1.09E-05
1464	ALL	669142.3	4344201	1.09E-05	30YrCancerDerived_InhSoilDermMMilk	1.09E-05
1632	ALL	668942.3	4344281	1.08E-05	30YrCancerDerived_InhSoilDermMMilk	1.08E-05
485	ALL	668562.3	4343561	1.08E-05	30YrCancerDerived_InhSoilDermMMilk	1.08E-05
1374	ALL	668842.3	4344161	1.08E-05	30YrCancerDerived_InhSoilDermMMilk	1.08E-05
1128	ALL	668742.3	4344041	1.07E-05	30YrCancerDerived_InhSoilDermMMilk	1.07E-05
720	ALL	668702.3	4343701	1.06E-05	30YrCancerDerived_InhSoilDermMMilk	1.06E-05
840	ALL	668562.3	4343821	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05
1090	ALL	668722.3	4344021	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05
1508	ALL	669162.3	4344221	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05
745	ALL	668722.3	4343721	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05
1256	ALL	669062.3	4344101	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05
820	ALL	668542.3	4343801	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05
904	ALL	668882.3	4343881	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05
843	ALL	668822.3	4343821	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05
926	ALL	668902.3	4343901	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05
880	ALL	668862.3	4343861	1.03E-05	30YrCancerDerived_InhSoilDermMMilk	1.03E-05
1252	ALL	668782.3	4344101	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05
1502	ALL	668882.3	4344221	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05
1551	ALL	669182.3	4344241	1.01E-05	30YrCancerDerived_InhSoilDermMMilk	1.01E-05
1209	ALL	668762.3	4344081	1.00E-05	30YrCancerDerived_InhSoilDermMMilk	1.00E-05
1055	ALL	668702.3	4344001	1.00E-05	30YrCancerDerived_InhSoilDermMMilk	1.00E-05
1459	ALL	668862.3	4344201	9.95E-06	30YrCancerDerived_InhSoilDermMMilk	9.95E-06
1720	ALL	668962.3	4344321	9.94E-06	30YrCancerDerived_InhSoilDermMMilk	9.94E-06
1297	ALL	669082.3	4344121	9.92E-06	30YrCancerDerived_InhSoilDermMMilk	9.92E-06
973	ALL	668662.3	4343941	9.90E-06	30YrCancerDerived_InhSoilDermMMilk	9.90E-06
1168	ALL	668742.3	4344061	9.81E-06	30YrCancerDerived_InhSoilDermMMilk	9.81E-06
1675	ALL	668942.3	4344301	9.79E-06	30YrCancerDerived_InhSoilDermMMilk	9.79E-06
1415	ALL	668842.3	4344181	9.78E-06	30YrCancerDerived_InhSoilDermMMilk	9.78E-06
1594	ALL	669202.3	4344261	9.76E-06	30YrCancerDerived_InhSoilDermMMilk	9.76E-06
1172	ALL	669042.3	4344061	9.69E-06	30YrCancerDerived_InhSoilDermMMilk	9.69E-06
1336	ALL	669102.3	4344141	9.65E-06	30YrCancerDerived_InhSoilDermMMilk	9.65E-06
1631	ALL	668922.3	4344281	9.64E-06	30YrCancerDerived_InhSoilDermMMilk	9.64E-06
1729	ALL	669262.3	4344321	9.62E-06	30YrCancerDerived_InhSoilDermMMilk	9.62E-06
1373	ALL	668822.3	4344161	9.60E-06	30YrCancerDerived_InhSoilDermMMilk	9.60E-06
1683	ALL	669242.3	4344301	9.53E-06	30YrCancerDerived_InhSoilDermMMilk	9.53E-06
1127	ALL	668722.3	4344041	9.52E-06	30YrCancerDerived_InhSoilDermMMilk	9.52E-06
1638	ALL	669222.3	4344281	9.44E-06	30YrCancerDerived_InhSoilDermMMilk	9.44E-06
398	ALL	668542.3	4343521	9.44E-06	30YrCancerDerived_InhSoilDermMMilk	9.44E-06
1588	ALL	668902.3	4344261	9.44E-06	30YrCancerDerived_InhSoilDermMMilk	9.44E-06
442	ALL	668562.3	4343541	9.36E-06	30YrCancerDerived_InhSoilDermMMilk	9.36E-06
1378	ALL	669122.3	4344161	9.31E-06	30YrCancerDerived_InhSoilDermMMilk	9.31E-06
1089	ALL	668702.3	4344021	9.30E-06	30YrCancerDerived_InhSoilDermMMilk	9.30E-06
1293	ALL	668782.3	4344121	9.30E-06	30YrCancerDerived_InhSoilDermMMilk	9.30E-06
1545	ALL	668882.3	4344241	9.28E-06	30YrCancerDerived_InhSoilDermMMilk	9.28E-06
486	ALL	668582.3	4343561	9.27E-06	30YrCancerDerived_InhSoilDermMMilk	9.27E-06
721	ALL	668722.3	4343701	9.23E-06	30YrCancerDerived_InhSoilDermMMilk	9.23E-06
1422	ALL	669142.3	4344181	9.22E-06	30YrCancerDerived_InhSoilDermMMilk	9.22E-06
997	ALL	668662.3	4343961	9.17E-06	30YrCancerDerived_InhSoilDermMMilk	9.17E-06
1251	ALL	668762.3	4344101	9.16E-06	30YrCancerDerived_InhSoilDermMMilk	9.16E-06
905	ALL	668902.3	4343881	9.15E-06	30YrCancerDerived_InhSoilDermMMilk	9.15E-06
746	ALL	668742.3	4343721	9.15E-06	30YrCancerDerived_InhSoilDermMMilk	9.15E-06
859	ALL	668562.3	4343841	9.13E-06	30YrCancerDerived_InhSoilDermMMilk	9.13E-06
902	ALL	668602.3	4343881	9.11E-06	30YrCancerDerived_InhSoilDermMMilk	9.11E-06
1501	ALL	668862.3	4344221	9.11E-06	30YrCancerDerived_InhSoilDermMMilk	9.11E-06
927	ALL	668922.3	4343901	9.10E-06	30YrCancerDerived_InhSoilDermMMilk	9.10E-06
839	ALL	668542.3	4343821	9.10E-06	30YrCancerDerived_InhSoilDermMMilk	9.10E-06
844	ALL	668842.3	4343821	9.10E-06	30YrCancerDerived_InhSoilDermMMilk	9.10E-06
1465	ALL	669162.3	4344201	9.05E-06	30YrCancerDerived_InhSoilDermMMilk	9.05E-06
1215	ALL	669062.3	4344081	9.05E-06	30YrCancerDerived_InhSoilDermMMilk	9.05E-06
861	ALL	668862.3	4343841	9.04E-06	30YrCancerDerived_InhSoilDermMMilk	9.04E-06
1208	ALL	668742.3	4344081	9.01E-06	30YrCancerDerived_InhSoilDermMMilk	9.01E-06
1054	ALL	668682.3	4344001	8.97E-06	30YrCancerDerived_InhSoilDermMMilk	8.97E-06
1458	ALL	668842.3	4344201	8.95E-06	30YrCancerDerived_InhSoilDermMMilk	8.95E-06
1719	ALL	668942.3	4344321	8.91E-06	30YrCancerDerived_InhSoilDermMMilk	8.91E-06
976	ALL	668962.3	4343941	8.88E-06	30YrCancerDerived_InhSoilDermMMilk	8.88E-06
1414	ALL	668822.3	4344181	8.80E-06	30YrCancerDerived_InhSoilDermMMilk	8.80E-06
1167	ALL	668722.3	4344061	8.80E-06	30YrCancerDerived_InhSoilDermMMilk	8.80E-06
1509	ALL	669182.3	4344221	8.79E-06	30YrCancerDerived_InhSoilDermMMilk	8.79E-06
1674	ALL	668922.3	4344301	8.79E-06	30YrCancerDerived_InhSoilDermMMilk	8.79E-06

1630	ALL	668902.3	4344281	8.67E-06	30YrCancerDerived_InhSoilDermMMilk	8.67E-06
1372	ALL	668802.3	4344161	8.65E-06	30YrCancerDerived_InhSoilDermMMilk	8.65E-06
972	ALL	668642.3	4343941	8.65E-06	30YrCancerDerived_InhSoilDermMMilk	8.65E-06
1126	ALL	668702.3	4344041	8.58E-06	30YrCancerDerived_InhSoilDermMMilk	8.58E-06
1132	ALL	669042.3	4344041	8.55E-06	30YrCancerDerived_InhSoilDermMMilk	8.55E-06
1552	ALL	669202.3	4344241	8.53E-06	30YrCancerDerived_InhSoilDermMMilk	8.53E-06
1587	ALL	668882.3	4344261	8.51E-06	30YrCancerDerived_InhSoilDermMMilk	8.51E-06
1730	ALL	669282.3	4344321	8.47E-06	30YrCancerDerived_InhSoilDermMMilk	8.47E-06
1684	ALL	669262.3	4344301	8.42E-06	30YrCancerDerived_InhSoilDermMMilk	8.42E-06
1088	ALL	668682.3	4344021	8.41E-06	30YrCancerDerived_InhSoilDermMMilk	8.41E-06
1292	ALL	668762.3	4344121	8.39E-06	30YrCancerDerived_InhSoilDermMMilk	8.39E-06
1544	ALL	668862.3	4344241	8.38E-06	30YrCancerDerived_InhSoilDermMMilk	8.38E-06
1595	ALL	669222.3	4344261	8.36E-06	30YrCancerDerived_InhSoilDermMMilk	8.36E-06
1257	ALL	669082.3	4344101	8.34E-06	30YrCancerDerived_InhSoilDermMMilk	8.34E-06
901	ALL	668582.3	4343881	8.31E-06	30YrCancerDerived_InhSoilDermMMilk	8.31E-06
1250	ALL	668742.3	4344101	8.29E-06	30YrCancerDerived_InhSoilDermMMilk	8.29E-06
355	ALL	668542.3	4343501	8.28E-06	30YrCancerDerived_InhSoilDermMMilk	8.28E-06
687	ALL	668722.3	4343681	8.24E-06	30YrCancerDerived_InhSoilDermMMilk	8.24E-06
399	ALL	668562.3	4343521	8.24E-06	30YrCancerDerived_InhSoilDermMMilk	8.24E-06
1500	ALL	668842.3	4344221	8.24E-06	30YrCancerDerived_InhSoilDermMMilk	8.24E-06
1639	ALL	669242.3	4344281	8.23E-06	30YrCancerDerived_InhSoilDermMMilk	8.23E-06
312	ALL	668522.3	4343481	8.23E-06	30YrCancerDerived_InhSoilDermMMilk	8.23E-06
996	ALL	668642.3	4343961	8.23E-06	30YrCancerDerived_InhSoilDermMMilk	8.23E-06
878	ALL	668562.3	4343861	8.22E-06	30YrCancerDerived_InhSoilDermMMilk	8.22E-06
570	ALL	668642.3	4343601	8.22E-06	30YrCancerDerived_InhSoilDermMMilk	8.22E-06
443	ALL	668582.3	4343541	8.18E-06	30YrCancerDerived_InhSoilDermMMilk	8.18E-06
1298	ALL	669102.3	4344121	8.18E-06	30YrCancerDerived_InhSoilDermMMilk	8.18E-06
722	ALL	668742.3	4343701	8.18E-06	30YrCancerDerived_InhSoilDermMMilk	8.18E-06
1207	ALL	668722.3	4344081	8.16E-06	30YrCancerDerived_InhSoilDermMMilk	8.16E-06
925	ALL	668602.3	4343901	8.16E-06	30YrCancerDerived_InhSoilDermMMilk	8.16E-06
881	ALL	668902.3	4343861	8.15E-06	30YrCancerDerived_InhSoilDermMMilk	8.15E-06
487	ALL	668602.3	4343561	8.14E-06	30YrCancerDerived_InhSoilDermMMilk	8.14E-06
822	ALL	668842.3	4343801	8.13E-06	30YrCancerDerived_InhSoilDermMMilk	8.13E-06
747	ALL	668762.3	4343721	8.12E-06	30YrCancerDerived_InhSoilDermMMilk	8.12E-06
906	ALL	668922.3	4343881	8.12E-06	30YrCancerDerived_InhSoilDermMMilk	8.12E-06
858	ALL	668542.3	4343841	8.11E-06	30YrCancerDerived_InhSoilDermMMilk	8.11E-06
1457	ALL	668822.3	4344201	8.11E-06	30YrCancerDerived_InhSoilDermMMilk	8.11E-06
862	ALL	668882.3	4343841	8.07E-06	30YrCancerDerived_InhSoilDermMMilk	8.07E-06
1173	ALL	669062.3	4344061	8.07E-06	30YrCancerDerived_InhSoilDermMMilk	8.07E-06
928	ALL	668942.3	4343901	8.06E-06	30YrCancerDerived_InhSoilDermMMilk	8.06E-06
838	ALL	668522.3	4343821	8.06E-06	30YrCancerDerived_InhSoilDermMMilk	8.06E-06
1718	ALL	668922.3	4344321	8.06E-06	30YrCancerDerived_InhSoilDermMMilk	8.06E-06
1337	ALL	669122.3	4344141	7.99E-06	30YrCancerDerived_InhSoilDermMMilk	7.99E-06
1166	ALL	668702.3	4344061	7.98E-06	30YrCancerDerived_InhSoilDermMMilk	7.98E-06
1413	ALL	668802.3	4344181	7.98E-06	30YrCancerDerived_InhSoilDermMMilk	7.98E-06
1024	ALL	668642.3	4343981	7.98E-06	30YrCancerDerived_InhSoilDermMMilk	7.98E-06
1673	ALL	668902.3	4344301	7.96E-06	30YrCancerDerived_InhSoilDermMMilk	7.96E-06
953	ALL	668962.3	4343921	7.94E-06	30YrCancerDerived_InhSoilDermMMilk	7.94E-06
1629	ALL	668882.3	4344281	7.87E-06	30YrCancerDerived_InhSoilDermMMilk	7.87E-06
1371	ALL	668782.3	4344161	7.87E-06	30YrCancerDerived_InhSoilDermMMilk	7.87E-06
1423	ALL	669162.3	4344181	7.85E-06	30YrCancerDerived_InhSoilDermMMilk	7.85E-06
1379	ALL	669142.3	4344161	7.84E-06	30YrCancerDerived_InhSoilDermMMilk	7.84E-06
1125	ALL	668682.3	4344041	7.83E-06	30YrCancerDerived_InhSoilDermMMilk	7.83E-06
977	ALL	668982.3	4343941	7.81E-06	30YrCancerDerived_InhSoilDermMMilk	7.81E-06
1586	ALL	668862.3	4344261	7.75E-06	30YrCancerDerived_InhSoilDermMMilk	7.75E-06
1332	ALL	668762.3	4344141	7.74E-06	30YrCancerDerived_InhSoilDermMMilk	7.74E-06
1466	ALL	669182.3	4344201	7.72E-06	30YrCancerDerived_InhSoilDermMMilk	7.72E-06
1087	ALL	668662.3	4344021	7.69E-06	30YrCancerDerived_InhSoilDermMMilk	7.69E-06
924	ALL	668582.3	4343901	7.66E-06	30YrCancerDerived_InhSoilDermMMilk	7.66E-06
1291	ALL	668742.3	4344121	7.63E-06	30YrCancerDerived_InhSoilDermMMilk	7.63E-06
1543	ALL	668842.3	4344241	7.63E-06	30YrCancerDerived_InhSoilDermMMilk	7.63E-06
950	ALL	668602.3	4343921	7.62E-06	30YrCancerDerived_InhSoilDermMMilk	7.62E-06
900	ALL	668562.3	4343881	7.60E-06	30YrCancerDerived_InhSoilDermMMilk	7.60E-06
1000	ALL	669002.3	4343961	7.60E-06	30YrCancerDerived_InhSoilDermMMilk	7.60E-06
1731	ALL	669302.3	4344321	7.56E-06	30YrCancerDerived_InhSoilDermMMilk	7.56E-06
1685	ALL	669282.3	4344301	7.55E-06	30YrCancerDerived_InhSoilDermMMilk	7.55E-06
1249	ALL	668722.3	4344101	7.55E-06	30YrCancerDerived_InhSoilDermMMilk	7.55E-06
1053	ALL	668642.3	4344001	7.54E-06	30YrCancerDerived_InhSoilDermMMilk	7.54E-06
1499	ALL	668822.3	4344221	7.52E-06	30YrCancerDerived_InhSoilDermMMilk	7.52E-06
1216	ALL	669082.3	4344081	7.48E-06	30YrCancerDerived_InhSoilDermMMilk	7.48E-06
1510	ALL	669202.3	4344221	7.46E-06	30YrCancerDerived_InhSoilDermMMilk	7.46E-06
1640	ALL	669262.3	4344281	7.46E-06	30YrCancerDerived_InhSoilDermMMilk	7.46E-06
1206	ALL	668702.3	4344081	7.45E-06	30YrCancerDerived_InhSoilDermMMilk	7.45E-06
877	ALL	668542.3	4343861	7.45E-06	30YrCancerDerived_InhSoilDermMMilk	7.45E-06
1456	ALL	668802.3	4344201	7.40E-06	30YrCancerDerived_InhSoilDermMMilk	7.40E-06
1553	ALL	669222.3	4344241	7.39E-06	30YrCancerDerived_InhSoilDermMMilk	7.39E-06
571	ALL	668662.3	4343601	7.39E-06	30YrCancerDerived_InhSoilDermMMilk	7.39E-06
688	ALL	668742.3	4343681	7.38E-06	30YrCancerDerived_InhSoilDermMMilk	7.38E-06
1596	ALL	669242.3	4344261	7.37E-06	30YrCancerDerived_InhSoilDermMMilk	7.37E-06
857	ALL	668522.3	4343841	7.36E-06	30YrCancerDerived_InhSoilDermMMilk	7.36E-06
529	ALL	668642.3	4343581	7.35E-06	30YrCancerDerived_InhSoilDermMMilk	7.35E-06
1023	ALL	668622.3	4343981	7.35E-06	30YrCancerDerived_InhSoilDermMMilk	7.35E-06
1717	ALL	668902.3	4344321	7.34E-06	30YrCancerDerived_InhSoilDermMMilk	7.34E-06
356	ALL	668562.3	4343501	7.34E-06	30YrCancerDerived_InhSoilDermMMilk	7.34E-06
723	ALL	668762.3	4343701	7.34E-06	30YrCancerDerived_InhSoilDermMMilk	7.34E-06
1133	ALL	669062.3	4344041	7.33E-06	30YrCancerDerived_InhSoilDermMMilk	7.33E-06
882	ALL	668922.3	4343861	7.32E-06	30YrCancerDerived_InhSoilDermMMilk	7.32E-06
313	ALL	668542.3	4343481	7.31E-06	30YrCancerDerived_InhSoilDermMMilk	7.31E-06

1165	ALL	668682.3	4344061	7.31E-06	30YrCancerDerived_InhSoilDermMMilk	7.31E-06
1412	ALL	668782.3	4344181	7.29E-06	30YrCancerDerived_InhSoilDermMMilk	7.29E-06
1672	ALL	668882.3	4344301	7.27E-06	30YrCancerDerived_InhSoilDermMMilk	7.27E-06
845	ALL	668882.3	4343821	7.27E-06	30YrCancerDerived_InhSoilDermMMilk	7.27E-06
949	ALL	668582.3	4343921	7.20E-06	30YrCancerDerived_InhSoilDermMMilk	7.20E-06
1628	ALL	668862.3	4344281	7.20E-06	30YrCancerDerived_InhSoilDermMMilk	7.20E-06
1370	ALL	668762.3	4344161	7.19E-06	30YrCancerDerived_InhSoilDermMMilk	7.19E-06
929	ALL	668962.3	4343901	7.17E-06	30YrCancerDerived_InhSoilDermMMilk	7.17E-06
1124	ALL	668662.3	4344041	7.17E-06	30YrCancerDerived_InhSoilDermMMilk	7.17E-06
923	ALL	668562.3	4343901	7.12E-06	30YrCancerDerived_InhSoilDermMMilk	7.12E-06
1585	ALL	668842.3	4344261	7.10E-06	30YrCancerDerived_InhSoilDermMMilk	7.10E-06
1258	ALL	669102.3	4344101	7.08E-06	30YrCancerDerived_InhSoilDermMMilk	7.08E-06
1331	ALL	668742.3	4344141	7.07E-06	30YrCancerDerived_InhSoilDermMMilk	7.07E-06
954	ALL	668982.3	4343921	7.06E-06	30YrCancerDerived_InhSoilDermMMilk	7.06E-06
1086	ALL	668642.3	4344021	7.02E-06	30YrCancerDerived_InhSoilDermMMilk	7.02E-06
1542	ALL	668822.3	4344241	6.99E-06	30YrCancerDerived_InhSoilDermMMilk	6.99E-06
1290	ALL	668722.3	4344121	6.99E-06	30YrCancerDerived_InhSoilDermMMilk	6.99E-06
899	ALL	668542.3	4343881	6.98E-06	30YrCancerDerived_InhSoilDermMMilk	6.98E-06
1299	ALL	669122.3	4344121	6.94E-06	30YrCancerDerived_InhSoilDermMMilk	6.94E-06
1174	ALL	669082.3	4344061	6.94E-06	30YrCancerDerived_InhSoilDermMMilk	6.94E-06
978	ALL	669002.3	4343941	6.92E-06	30YrCancerDerived_InhSoilDermMMilk	6.92E-06
1248	ALL	668702.3	4344101	6.92E-06	30YrCancerDerived_InhSoilDermMMilk	6.92E-06
1498	ALL	668802.3	4344221	6.90E-06	30YrCancerDerived_InhSoilDermMMilk	6.90E-06
1052	ALL	668622.3	4344001	6.89E-06	30YrCancerDerived_InhSoilDermMMilk	6.89E-06
1424	ALL	669182.3	4344181	6.86E-06	30YrCancerDerived_InhSoilDermMMilk	6.86E-06
1686	ALL	669302.3	4344301	6.85E-06	30YrCancerDerived_InhSoilDermMMilk	6.85E-06
1380	ALL	669162.3	4344161	6.85E-06	30YrCancerDerived_InhSoilDermMMilk	6.85E-06
1338	ALL	669142.3	4344141	6.84E-06	30YrCancerDerived_InhSoilDermMMilk	6.84E-06
876	ALL	668522.3	4343861	6.84E-06	30YrCancerDerived_InhSoilDermMMilk	6.84E-06
1205	ALL	668682.3	4344081	6.83E-06	30YrCancerDerived_InhSoilDermMMilk	6.83E-06
1641	ALL	669282.3	4344281	6.79E-06	30YrCancerDerived_InhSoilDermMMilk	6.79E-06
1455	ALL	668782.3	4344201	6.79E-06	30YrCancerDerived_InhSoilDermMMilk	6.79E-06
1732	ALL	669322.3	4344321	6.78E-06	30YrCancerDerived_InhSoilDermMMilk	6.78E-06
1716	ALL	668882.3	4344321	6.74E-06	30YrCancerDerived_InhSoilDermMMilk	6.74E-06
1467	ALL	669202.3	4344201	6.73E-06	30YrCancerDerived_InhSoilDermMMilk	6.73E-06
948	ALL	668562.3	4343921	6.71E-06	30YrCancerDerived_InhSoilDermMMilk	6.71E-06
856	ALL	668502.3	4343841	6.71E-06	30YrCancerDerived_InhSoilDermMMilk	6.71E-06
1164	ALL	668662.3	4344061	6.70E-06	30YrCancerDerived_InhSoilDermMMilk	6.70E-06
572	ALL	668682.3	4343601	6.70E-06	30YrCancerDerived_InhSoilDermMMilk	6.70E-06
1411	ALL	668762.3	4344181	6.70E-06	30YrCancerDerived_InhSoilDermMMilk	6.70E-06
1671	ALL	668862.3	4344301	6.69E-06	30YrCancerDerived_InhSoilDermMMilk	6.69E-06
689	ALL	668762.3	4343681	6.69E-06	30YrCancerDerived_InhSoilDermMMilk	6.69E-06
1597	ALL	669262.3	4344261	6.68E-06	30YrCancerDerived_InhSoilDermMMilk	6.68E-06
530	ALL	668662.3	4343581	6.67E-06	30YrCancerDerived_InhSoilDermMMilk	6.67E-06
803	ALL	668862.3	4343781	6.66E-06	30YrCancerDerived_InhSoilDermMMilk	6.66E-06
724	ALL	668782.3	4343701	6.66E-06	30YrCancerDerived_InhSoilDermMMilk	6.66E-06
846	ALL	668902.3	4343821	6.64E-06	30YrCancerDerived_InhSoilDermMMilk	6.64E-06
488	ALL	668642.3	4343561	6.63E-06	30YrCancerDerived_InhSoilDermMMilk	6.63E-06
1627	ALL	668842.3	4344281	6.62E-06	30YrCancerDerived_InhSoilDermMMilk	6.62E-06
1369	ALL	668742.3	4344161	6.61E-06	30YrCancerDerived_InhSoilDermMMilk	6.61E-06
1554	ALL	669242.3	4344241	6.60E-06	30YrCancerDerived_InhSoilDermMMilk	6.60E-06
922	ALL	668542.3	4343901	6.58E-06	30YrCancerDerived_InhSoilDermMMilk	6.58E-06
1123	ALL	668642.3	4344041	6.55E-06	30YrCancerDerived_InhSoilDermMMilk	6.55E-06
1584	ALL	668822.3	4344261	6.52E-06	30YrCancerDerived_InhSoilDermMMilk	6.52E-06
1511	ALL	669222.3	4344221	6.52E-06	30YrCancerDerived_InhSoilDermMMilk	6.52E-06
1134	ALL	669082.3	4344041	6.52E-06	30YrCancerDerived_InhSoilDermMMilk	6.52E-06
1330	ALL	668722.3	4344141	6.50E-06	30YrCancerDerived_InhSoilDermMMilk	6.50E-06
898	ALL	668522.3	4343881	6.45E-06	30YrCancerDerived_InhSoilDermMMilk	6.45E-06
1541	ALL	668802.3	4344241	6.45E-06	30YrCancerDerived_InhSoilDermMMilk	6.45E-06
1217	ALL	669102.3	4344081	6.45E-06	30YrCancerDerived_InhSoilDermMMilk	6.45E-06
1289	ALL	668702.3	4344121	6.43E-06	30YrCancerDerived_InhSoilDermMMilk	6.43E-06
930	ALL	668982.3	4343901	6.43E-06	30YrCancerDerived_InhSoilDermMMilk	6.43E-06
1085	ALL	668622.3	4344021	6.42E-06	30YrCancerDerived_InhSoilDermMMilk	6.42E-06
1247	ALL	668682.3	4344101	6.37E-06	30YrCancerDerived_InhSoilDermMMilk	6.37E-06
1497	ALL	668782.3	4344221	6.36E-06	30YrCancerDerived_InhSoilDermMMilk	6.36E-06
955	ALL	669002.3	4343921	6.33E-06	30YrCancerDerived_InhSoilDermMMilk	6.33E-06
875	ALL	668502.3	4343861	6.31E-06	30YrCancerDerived_InhSoilDermMMilk	6.31E-06
1051	ALL	668602.3	4344001	6.30E-06	30YrCancerDerived_InhSoilDermMMilk	6.30E-06
1204	ALL	668662.3	4344081	6.28E-06	30YrCancerDerived_InhSoilDermMMilk	6.28E-06
1687	ALL	669322.3	4344301	6.26E-06	30YrCancerDerived_InhSoilDermMMilk	6.26E-06
1454	ALL	668762.3	4344201	6.26E-06	30YrCancerDerived_InhSoilDermMMilk	6.26E-06
1642	ALL	669302.3	4344281	6.24E-06	30YrCancerDerived_InhSoilDermMMilk	6.24E-06
1715	ALL	668862.3	4344321	6.24E-06	30YrCancerDerived_InhSoilDermMMilk	6.24E-06
947	ALL	668542.3	4343921	6.21E-06	30YrCancerDerived_InhSoilDermMMilk	6.21E-06
1670	ALL	668842.3	4344301	6.19E-06	30YrCancerDerived_InhSoilDermMMilk	6.19E-06
1410	ALL	668742.3	4344181	6.18E-06	30YrCancerDerived_InhSoilDermMMilk	6.18E-06
1598	ALL	669282.3	4344261	6.16E-06	30YrCancerDerived_InhSoilDermMMilk	6.16E-06
1163	ALL	668642.3	4344061	6.16E-06	30YrCancerDerived_InhSoilDermMMilk	6.16E-06
1259	ALL	669122.3	4344101	6.14E-06	30YrCancerDerived_InhSoilDermMMilk	6.14E-06
1733	ALL	669342.3	4344321	6.14E-06	30YrCancerDerived_InhSoilDermMMilk	6.14E-06
573	ALL	668702.3	4343601	6.13E-06	30YrCancerDerived_InhSoilDermMMilk	6.13E-06
1425	ALL	669202.3	4344181	6.13E-06	30YrCancerDerived_InhSoilDermMMilk	6.13E-06
1381	ALL	669182.3	4344161	6.12E-06	30YrCancerDerived_InhSoilDermMMilk	6.12E-06
531	ALL	668682.3	4343581	6.11E-06	30YrCancerDerived_InhSoilDermMMilk	6.11E-06
1626	ALL	668822.3	4344281	6.11E-06	30YrCancerDerived_InhSoilDermMMilk	6.11E-06
789	ALL	668862.3	4343761	6.11E-06	30YrCancerDerived_InhSoilDermMMilk	6.11E-06
690	ALL	668782.3	4343681	6.10E-06	30YrCancerDerived_InhSoilDermMMilk	6.10E-06
1368	ALL	668722.3	4344161	6.10E-06	30YrCancerDerived_InhSoilDermMMilk	6.10E-06

921	ALL	668522.3	4343901	6.10E-06	30YrCancerDerived_InhSoilDermMMilk	6.10E-06
725	ALL	668802.3	4343701	6.09E-06	30YrCancerDerived_InhSoilDermMMilk	6.09E-06
823	ALL	668902.3	4343801	6.08E-06	30YrCancerDerived_InhSoilDermMMilk	6.08E-06
489	ALL	668662.3	4343561	6.07E-06	30YrCancerDerived_InhSoilDermMMilk	6.07E-06
1555	ALL	669262.3	4344241	6.06E-06	30YrCancerDerived_InhSoilDermMMilk	6.06E-06
1175	ALL	669102.3	4344061	6.06E-06	30YrCancerDerived_InhSoilDermMMilk	6.06E-06
1339	ALL	669162.3	4344141	6.06E-06	30YrCancerDerived_InhSoilDermMMilk	6.06E-06
1583	ALL	668802.3	4344261	6.04E-06	30YrCancerDerived_InhSoilDermMMilk	6.04E-06
1300	ALL	669142.3	4344121	6.03E-06	30YrCancerDerived_InhSoilDermMMilk	6.03E-06
1122	ALL	668622.3	4344041	6.01E-06	30YrCancerDerived_InhSoilDermMMilk	6.01E-06
1329	ALL	668702.3	4344141	6.00E-06	30YrCancerDerived_InhSoilDermMMilk	6.00E-06
444	ALL	668642.3	4343541	5.99E-06	30YrCancerDerived_InhSoilDermMMilk	5.99E-06
897	ALL	668502.3	4343881	5.99E-06	30YrCancerDerived_InhSoilDermMMilk	5.99E-06
1540	ALL	668782.3	4344241	5.97E-06	30YrCancerDerived_InhSoilDermMMilk	5.97E-06
1468	ALL	669222.3	4344201	5.96E-06	30YrCancerDerived_InhSoilDermMMilk	5.96E-06
1288	ALL	668682.3	4344121	5.94E-06	30YrCancerDerived_InhSoilDermMMilk	5.94E-06
1512	ALL	669242.3	4344221	5.92E-06	30YrCancerDerived_InhSoilDermMMilk	5.92E-06
1084	ALL	668602.3	4344021	5.89E-06	30YrCancerDerived_InhSoilDermMMilk	5.89E-06
1246	ALL	668662.3	4344101	5.89E-06	30YrCancerDerived_InhSoilDermMMilk	5.89E-06
1496	ALL	668762.3	4344221	5.88E-06	30YrCancerDerived_InhSoilDermMMilk	5.88E-06
971	ALL	668542.3	4343941	5.88E-06	30YrCancerDerived_InhSoilDermMMilk	5.88E-06
874	ALL	668482.3	4343861	5.87E-06	30YrCancerDerived_InhSoilDermMMilk	5.87E-06
819	ALL	668442.3	4343801	5.87E-06	30YrCancerDerived_InhSoilDermMMilk	5.87E-06
1714	ALL	668842.3	4344321	5.80E-06	30YrCancerDerived_InhSoilDermMMilk	5.80E-06
1203	ALL	668642.3	4344081	5.80E-06	30YrCancerDerived_InhSoilDermMMilk	5.80E-06
1453	ALL	668742.3	4344201	5.80E-06	30YrCancerDerived_InhSoilDermMMilk	5.80E-06
1050	ALL	668582.3	4344001	5.79E-06	30YrCancerDerived_InhSoilDermMMilk	5.79E-06
1135	ALL	669102.3	4344041	5.78E-06	30YrCancerDerived_InhSoilDermMMilk	5.78E-06
1643	ALL	669322.3	4344281	5.77E-06	30YrCancerDerived_InhSoilDermMMilk	5.77E-06
946	ALL	668522.3	4343921	5.76E-06	30YrCancerDerived_InhSoilDermMMilk	5.76E-06
1669	ALL	668822.3	4344301	5.74E-06	30YrCancerDerived_InhSoilDermMMilk	5.74E-06
1409	ALL	668722.3	4344181	5.72E-06	30YrCancerDerived_InhSoilDermMMilk	5.72E-06
1599	ALL	669302.3	4344261	5.71E-06	30YrCancerDerived_InhSoilDermMMilk	5.71E-06
1688	ALL	669342.3	4344301	5.71E-06	30YrCancerDerived_InhSoilDermMMilk	5.71E-06
1218	ALL	669122.3	4344081	5.69E-06	30YrCancerDerived_InhSoilDermMMilk	5.69E-06
920	ALL	668502.3	4343901	5.68E-06	30YrCancerDerived_InhSoilDermMMilk	5.68E-06
1162	ALL	668622.3	4344061	5.67E-06	30YrCancerDerived_InhSoilDermMMilk	5.67E-06
1625	ALL	668802.3	4344281	5.67E-06	30YrCancerDerived_InhSoilDermMMilk	5.67E-06
1556	ALL	669282.3	4344241	5.66E-06	30YrCancerDerived_InhSoilDermMMilk	5.66E-06
574	ALL	668722.3	4343601	5.65E-06	30YrCancerDerived_InhSoilDermMMilk	5.65E-06
790	ALL	668882.3	4343761	5.64E-06	30YrCancerDerived_InhSoilDermMMilk	5.64E-06
532	ALL	668702.3	4343581	5.63E-06	30YrCancerDerived_InhSoilDermMMilk	5.63E-06
1367	ALL	668702.3	4344161	5.63E-06	30YrCancerDerived_InhSoilDermMMilk	5.63E-06
824	ALL	668922.3	4343801	5.63E-06	30YrCancerDerived_InhSoilDermMMilk	5.63E-06
691	ALL	668802.3	4343681	5.62E-06	30YrCancerDerived_InhSoilDermMMilk	5.62E-06
1582	ALL	668782.3	4344261	5.62E-06	30YrCancerDerived_InhSoilDermMMilk	5.62E-06
490	ALL	668682.3	4343561	5.61E-06	30YrCancerDerived_InhSoilDermMMilk	5.61E-06
896	ALL	668482.3	4343881	5.60E-06	30YrCancerDerived_InhSoilDermMMilk	5.60E-06
1734	ALL	669362.3	4344321	5.59E-06	30YrCancerDerived_InhSoilDermMMilk	5.59E-06
1382	ALL	669202.3	4344161	5.56E-06	30YrCancerDerived_InhSoilDermMMilk	5.56E-06
995	ALL	668542.3	4343961	5.56E-06	30YrCancerDerived_InhSoilDermMMilk	5.56E-06
1328	ALL	668682.3	4344141	5.56E-06	30YrCancerDerived_InhSoilDermMMilk	5.56E-06
1513	ALL	669262.3	4344221	5.56E-06	30YrCancerDerived_InhSoilDermMMilk	5.56E-06
1539	ALL	668762.3	4344241	5.55E-06	30YrCancerDerived_InhSoilDermMMilk	5.55E-06
1121	ALL	668602.3	4344041	5.55E-06	30YrCancerDerived_InhSoilDermMMilk	5.55E-06
445	ALL	668662.3	4343541	5.54E-06	30YrCancerDerived_InhSoilDermMMilk	5.54E-06
837	ALL	668442.3	4343821	5.54E-06	30YrCancerDerived_InhSoilDermMMilk	5.54E-06
1426	ALL	669222.3	4344181	5.52E-06	30YrCancerDerived_InhSoilDermMMilk	5.52E-06
1287	ALL	668662.3	4344121	5.51E-06	30YrCancerDerived_InhSoilDermMMilk	5.51E-06
400	ALL	668642.3	4343521	5.49E-06	30YrCancerDerived_InhSoilDermMMilk	5.49E-06
1495	ALL	668742.3	4344221	5.47E-06	30YrCancerDerived_InhSoilDermMMilk	5.47E-06
1245	ALL	668642.3	4344101	5.46E-06	30YrCancerDerived_InhSoilDermMMilk	5.46E-06
1469	ALL	669242.3	4344201	5.45E-06	30YrCancerDerived_InhSoilDermMMilk	5.45E-06
970	ALL	668522.3	4343941	5.44E-06	30YrCancerDerived_InhSoilDermMMilk	5.44E-06
1340	ALL	669182.3	4344141	5.44E-06	30YrCancerDerived_InhSoilDermMMilk	5.44E-06
1001	ALL	669062.3	4343961	5.44E-06	30YrCancerDerived_InhSoilDermMMilk	5.44E-06
873	ALL	668462.3	4343861	5.43E-06	30YrCancerDerived_InhSoilDermMMilk	5.43E-06
1083	ALL	668582.3	4344021	5.43E-06	30YrCancerDerived_InhSoilDermMMilk	5.43E-06
1713	ALL	668822.3	4344321	5.41E-06	30YrCancerDerived_InhSoilDermMMilk	5.41E-06
1260	ALL	669142.3	4344101	5.41E-06	30YrCancerDerived_InhSoilDermMMilk	5.41E-06
1176	ALL	669122.3	4344061	5.40E-06	30YrCancerDerived_InhSoilDermMMilk	5.40E-06
1301	ALL	669162.3	4344121	5.39E-06	30YrCancerDerived_InhSoilDermMMilk	5.39E-06
1452	ALL	668722.3	4344201	5.39E-06	30YrCancerDerived_InhSoilDermMMilk	5.39E-06
945	ALL	668502.3	4343921	5.38E-06	30YrCancerDerived_InhSoilDermMMilk	5.38E-06
1202	ALL	668622.3	4344081	5.37E-06	30YrCancerDerived_InhSoilDermMMilk	5.37E-06
1668	ALL	668802.3	4344301	5.35E-06	30YrCancerDerived_InhSoilDermMMilk	5.35E-06
1644	ALL	669342.3	4344281	5.34E-06	30YrCancerDerived_InhSoilDermMMilk	5.34E-06
919	ALL	668482.3	4343901	5.34E-06	30YrCancerDerived_InhSoilDermMMilk	5.34E-06
1049	ALL	668562.3	4344001	5.34E-06	30YrCancerDerived_InhSoilDermMMilk	5.34E-06
1408	ALL	668702.3	4344181	5.32E-06	30YrCancerDerived_InhSoilDermMMilk	5.32E-06
1600	ALL	669322.3	4344261	5.31E-06	30YrCancerDerived_InhSoilDermMMilk	5.31E-06
1624	ALL	668782.3	4344281	5.29E-06	30YrCancerDerived_InhSoilDermMMilk	5.29E-06
1557	ALL	669302.3	4344241	5.29E-06	30YrCancerDerived_InhSoilDermMMilk	5.29E-06
855	ALL	668442.3	4343841	5.26E-06	30YrCancerDerived_InhSoilDermMMilk	5.26E-06
1022	ALL	668542.3	4343981	5.25E-06	30YrCancerDerived_InhSoilDermMMilk	5.25E-06
1514	ALL	669282.3	4344221	5.25E-06	30YrCancerDerived_InhSoilDermMMilk	5.25E-06
1581	ALL	668762.3	4344261	5.25E-06	30YrCancerDerived_InhSoilDermMMilk	5.25E-06
1161	ALL	668602.3	4344061	5.24E-06	30YrCancerDerived_InhSoilDermMMilk	5.24E-06

768	ALL	668882.3	4343741	5.23E-06	30YrCancerDerived_InhSoilDermMMilk	5.23E-06
1689	ALL	669362.3	4344301	5.23E-06	30YrCancerDerived_InhSoilDermMMilk	5.23E-06
692	ALL	668822.3	4343681	5.23E-06	30YrCancerDerived_InhSoilDermMMilk	5.23E-06
1366	ALL	668682.3	4344161	5.23E-06	30YrCancerDerived_InhSoilDermMMilk	5.23E-06
895	ALL	668462.3	4343881	5.22E-06	30YrCancerDerived_InhSoilDermMMilk	5.22E-06
575	ALL	668742.3	4343601	5.22E-06	30YrCancerDerived_InhSoilDermMMilk	5.22E-06
533	ALL	668722.3	4343581	5.21E-06	30YrCancerDerived_InhSoilDermMMilk	5.21E-06
491	ALL	668702.3	4343561	5.20E-06	30YrCancerDerived_InhSoilDermMMilk	5.20E-06
1136	ALL	669122.3	4344041	5.20E-06	30YrCancerDerived_InhSoilDermMMilk	5.20E-06
1538	ALL	668742.3	4344241	5.18E-06	30YrCancerDerived_InhSoilDermMMilk	5.18E-06
1327	ALL	668662.3	4344141	5.17E-06	30YrCancerDerived_InhSoilDermMMilk	5.17E-06
994	ALL	668522.3	4343961	5.15E-06	30YrCancerDerived_InhSoilDermMMilk	5.15E-06
446	ALL	668682.3	4343541	5.15E-06	30YrCancerDerived_InhSoilDermMMilk	5.15E-06
55	ALL	668482.3	4343361	5.14E-06	30YrCancerDerived_InhSoilDermMMilk	5.14E-06
1470	ALL	669262.3	4344201	5.13E-06	30YrCancerDerived_InhSoilDermMMilk	5.13E-06
1286	ALL	668642.3	4344121	5.13E-06	30YrCancerDerived_InhSoilDermMMilk	5.13E-06
1494	ALL	668722.3	4344221	5.12E-06	30YrCancerDerived_InhSoilDermMMilk	5.12E-06
1120	ALL	668582.3	4344041	5.12E-06	30YrCancerDerived_InhSoilDermMMilk	5.12E-06
1219	ALL	669142.3	4344081	5.11E-06	30YrCancerDerived_InhSoilDermMMilk	5.11E-06
1735	ALL	669382.3	4344321	5.11E-06	30YrCancerDerived_InhSoilDermMMilk	5.11E-06
1383	ALL	669222.3	4344161	5.10E-06	30YrCancerDerived_InhSoilDermMMilk	5.10E-06
401	ALL	668662.3	4343521	5.10E-06	30YrCancerDerived_InhSoilDermMMilk	5.10E-06
969	ALL	668502.3	4343941	5.10E-06	30YrCancerDerived_InhSoilDermMMilk	5.10E-06
1427	ALL	669242.3	4344181	5.09E-06	30YrCancerDerived_InhSoilDermMMilk	5.09E-06
944	ALL	668482.3	4343921	5.08E-06	30YrCancerDerived_InhSoilDermMMilk	5.08E-06
357	ALL	668642.3	4343501	5.07E-06	30YrCancerDerived_InhSoilDermMMilk	5.07E-06
1244	ALL	668622.3	4344101	5.07E-06	30YrCancerDerived_InhSoilDermMMilk	5.07E-06
1712	ALL	668802.3	4344321	5.06E-06	30YrCancerDerived_InhSoilDermMMilk	5.06E-06
872	ALL	668442.3	4343861	5.05E-06	30YrCancerDerived_InhSoilDermMMilk	5.05E-06
1096	ALL	669122.3	4344021	5.05E-06	30YrCancerDerived_InhSoilDermMMilk	5.05E-06
1451	ALL	668702.3	4344201	5.04E-06	30YrCancerDerived_InhSoilDermMMilk	5.04E-06
1002	ALL	669082.3	4343961	5.04E-06	30YrCancerDerived_InhSoilDermMMilk	5.04E-06
1082	ALL	668562.3	4344021	5.03E-06	30YrCancerDerived_InhSoilDermMMilk	5.03E-06
918	ALL	668462.3	4343901	5.01E-06	30YrCancerDerived_InhSoilDermMMilk	5.01E-06
1667	ALL	668782.3	4344301	5.01E-06	30YrCancerDerived_InhSoilDermMMilk	5.01E-06
1601	ALL	669342.3	4344261	4.98E-06	30YrCancerDerived_InhSoilDermMMilk	4.98E-06
1407	ALL	668682.3	4344181	4.97E-06	30YrCancerDerived_InhSoilDermMMilk	4.97E-06
1048	ALL	668542.3	4344001	4.96E-06	30YrCancerDerived_InhSoilDermMMilk	4.96E-06
1201	ALL	668602.3	4344081	4.96E-06	30YrCancerDerived_InhSoilDermMMilk	4.96E-06
1623	ALL	668762.3	4344281	4.96E-06	30YrCancerDerived_InhSoilDermMMilk	4.96E-06
1558	ALL	669322.3	4344241	4.94E-06	30YrCancerDerived_InhSoilDermMMilk	4.94E-06
1341	ALL	669202.3	4344141	4.93E-06	30YrCancerDerived_InhSoilDermMMilk	4.93E-06
1515	ALL	669302.3	4344221	4.93E-06	30YrCancerDerived_InhSoilDermMMilk	4.93E-06
1645	ALL	669362.3	4344281	4.92E-06	30YrCancerDerived_InhSoilDermMMilk	4.92E-06
1177	ALL	669142.3	4344061	4.91E-06	30YrCancerDerived_InhSoilDermMMilk	4.91E-06
1580	ALL	668742.3	4344261	4.91E-06	30YrCancerDerived_InhSoilDermMMilk	4.91E-06
693	ALL	668842.3	4343681	4.90E-06	30YrCancerDerived_InhSoilDermMMilk	4.90E-06
1471	ALL	669282.3	4344201	4.89E-06	30YrCancerDerived_InhSoilDermMMilk	4.89E-06
665	ALL	668822.3	4343661	4.88E-06	30YrCancerDerived_InhSoilDermMMilk	4.88E-06
1021	ALL	668522.3	4343981	4.88E-06	30YrCancerDerived_InhSoilDermMMilk	4.88E-06
1261	ALL	669162.3	4344101	4.88E-06	30YrCancerDerived_InhSoilDermMMilk	4.88E-06
1302	ALL	669182.3	4344121	4.88E-06	30YrCancerDerived_InhSoilDermMMilk	4.88E-06
894	ALL	668442.3	4343881	4.88E-06	30YrCancerDerived_InhSoilDermMMilk	4.88E-06
1365	ALL	668662.3	4344161	4.87E-06	30YrCancerDerived_InhSoilDermMMilk	4.87E-06
576	ALL	668762.3	4343601	4.86E-06	30YrCancerDerived_InhSoilDermMMilk	4.86E-06
1537	ALL	668722.3	4344241	4.85E-06	30YrCancerDerived_InhSoilDermMMilk	4.85E-06
534	ALL	668742.3	4343581	4.85E-06	30YrCancerDerived_InhSoilDermMMilk	4.85E-06
1160	ALL	668582.3	4344061	4.84E-06	30YrCancerDerived_InhSoilDermMMilk	4.84E-06
492	ALL	668722.3	4343561	4.84E-06	30YrCancerDerived_InhSoilDermMMilk	4.84E-06
993	ALL	668502.3	4343961	4.83E-06	30YrCancerDerived_InhSoilDermMMilk	4.83E-06
968	ALL	668482.3	4343941	4.82E-06	30YrCancerDerived_InhSoilDermMMilk	4.82E-06
1326	ALL	668642.3	4344141	4.82E-06	30YrCancerDerived_InhSoilDermMMilk	4.82E-06
104	ALL	668522.3	4343381	4.82E-06	30YrCancerDerived_InhSoilDermMMilk	4.82E-06
1690	ALL	669382.3	4344301	4.81E-06	30YrCancerDerived_InhSoilDermMMilk	4.81E-06
447	ALL	668702.3	4343541	4.81E-06	30YrCancerDerived_InhSoilDermMMilk	4.81E-06
943	ALL	668462.3	4343921	4.80E-06	30YrCancerDerived_InhSoilDermMMilk	4.80E-06
1493	ALL	668702.3	4344221	4.79E-06	30YrCancerDerived_InhSoilDermMMilk	4.79E-06
1428	ALL	669262.3	4344181	4.78E-06	30YrCancerDerived_InhSoilDermMMilk	4.78E-06
1119	ALL	668562.3	4344041	4.77E-06	30YrCancerDerived_InhSoilDermMMilk	4.77E-06
1285	ALL	668622.3	4344121	4.77E-06	30YrCancerDerived_InhSoilDermMMilk	4.77E-06
402	ALL	668682.3	4343521	4.76E-06	30YrCancerDerived_InhSoilDermMMilk	4.76E-06
1137	ALL	669142.3	4344041	4.76E-06	30YrCancerDerived_InhSoilDermMMilk	4.76E-06
1711	ALL	668782.3	4344321	4.75E-06	30YrCancerDerived_InhSoilDermMMilk	4.75E-06
1384	ALL	669242.3	4344161	4.74E-06	30YrCancerDerived_InhSoilDermMMilk	4.74E-06
56	ALL	668502.3	4343361	4.73E-06	30YrCancerDerived_InhSoilDermMMilk	4.73E-06
358	ALL	668662.3	4343501	4.73E-06	30YrCancerDerived_InhSoilDermMMilk	4.73E-06
1450	ALL	668682.3	4344201	4.72E-06	30YrCancerDerived_InhSoilDermMMilk	4.72E-06
1081	ALL	668542.3	4344021	4.72E-06	30YrCancerDerived_InhSoilDermMMilk	4.72E-06
1243	ALL	668602.3	4344101	4.71E-06	30YrCancerDerived_InhSoilDermMMilk	4.71E-06
314	ALL	668642.3	4343481	4.70E-06	30YrCancerDerived_InhSoilDermMMilk	4.70E-06
917	ALL	668442.3	4343901	4.70E-06	30YrCancerDerived_InhSoilDermMMilk	4.70E-06
1666	ALL	668762.3	4344301	4.70E-06	30YrCancerDerived_InhSoilDermMMilk	4.70E-06
1736	ALL	669402.3	4344321	4.69E-06	30YrCancerDerived_InhSoilDermMMilk	4.69E-06
1097	ALL	669142.3	4344021	4.68E-06	30YrCancerDerived_InhSoilDermMMilk	4.68E-06
1622	ALL	668742.3	4344281	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06
1220	ALL	669162.3	4344081	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06
1559	ALL	669342.3	4344241	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06
1047	ALL	668522.3	4344001	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06

1602	ALL	669362.3	4344261	4.64E-06	30YrCancerDerived_InhSoilDermMMilk	4.64E-06
1406	ALL	668662.3	4344181	4.64E-06	30YrCancerDerived_InhSoilDermMMilk	4.64E-06
1472	ALL	669302.3	4344201	4.63E-06	30YrCancerDerived_InhSoilDermMMilk	4.63E-06
1516	ALL	669322.3	4344221	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
1579	ALL	668722.3	4344261	4.60E-06	30YrCancerDerived_InhSoilDermMMilk	4.60E-06
1200	ALL	668582.3	4344081	4.60E-06	30YrCancerDerived_InhSoilDermMMilk	4.60E-06
1020	ALL	668502.3	4343981	4.60E-06	30YrCancerDerived_InhSoilDermMMilk	4.60E-06
666	ALL	668842.3	4343661	4.59E-06	30YrCancerDerived_InhSoilDermMMilk	4.59E-06
992	ALL	668482.3	4343961	4.59E-06	30YrCancerDerived_InhSoilDermMMilk	4.59E-06
643	ALL	668822.3	4343641	4.58E-06	30YrCancerDerived_InhSoilDermMMilk	4.58E-06
694	ALL	668862.3	4343681	4.58E-06	30YrCancerDerived_InhSoilDermMMilk	4.58E-06
967	ALL	668462.3	4343941	4.58E-06	30YrCancerDerived_InhSoilDermMMilk	4.58E-06
1429	ALL	669282.3	4344181	4.57E-06	30YrCancerDerived_InhSoilDermMMilk	4.57E-06
1342	ALL	669222.3	4344141	4.56E-06	30YrCancerDerived_InhSoilDermMMilk	4.56E-06
577	ALL	668782.3	4343601	4.56E-06	30YrCancerDerived_InhSoilDermMMilk	4.56E-06
1536	ALL	668702.3	4344241	4.55E-06	30YrCancerDerived_InhSoilDermMMilk	4.55E-06
1646	ALL	669382.3	4344281	4.55E-06	30YrCancerDerived_InhSoilDermMMilk	4.55E-06
535	ALL	668762.3	4343581	4.54E-06	30YrCancerDerived_InhSoilDermMMilk	4.54E-06
1364	ALL	668642.3	4344161	4.53E-06	30YrCancerDerived_InhSoilDermMMilk	4.53E-06
1159	ALL	668562.3	4344061	4.53E-06	30YrCancerDerived_InhSoilDermMMilk	4.53E-06
942	ALL	668442.3	4343921	4.52E-06	30YrCancerDerived_InhSoilDermMMilk	4.52E-06
493	ALL	668742.3	4343561	4.52E-06	30YrCancerDerived_InhSoilDermMMilk	4.52E-06
448	ALL	668722.3	4343541	4.51E-06	30YrCancerDerived_InhSoilDermMMilk	4.51E-06
791	ALL	668942.3	4343761	4.50E-06	30YrCancerDerived_InhSoilDermMMilk	4.50E-06
1492	ALL	668682.3	4344221	4.49E-06	30YrCancerDerived_InhSoilDermMMilk	4.49E-06
1178	ALL	669162.3	4344061	4.49E-06	30YrCancerDerived_InhSoilDermMMilk	4.49E-06
1325	ALL	668622.3	4344141	4.49E-06	30YrCancerDerived_InhSoilDermMMilk	4.49E-06
1118	ALL	668542.3	4344041	4.49E-06	30YrCancerDerived_InhSoilDermMMilk	4.49E-06
1385	ALL	669262.3	4344161	4.47E-06	30YrCancerDerived_InhSoilDermMMilk	4.47E-06
403	ALL	668702.3	4343521	4.47E-06	30YrCancerDerived_InhSoilDermMMilk	4.47E-06
1710	ALL	668762.3	4344321	4.47E-06	30YrCancerDerived_InhSoilDermMMilk	4.47E-06
105	ALL	668542.3	4343381	4.46E-06	30YrCancerDerived_InhSoilDermMMilk	4.46E-06
931	ALL	669062.3	4343901	4.45E-06	30YrCancerDerived_InhSoilDermMMilk	4.45E-06
1080	ALL	668522.3	4344021	4.44E-06	30YrCancerDerived_InhSoilDermMMilk	4.44E-06
1691	ALL	669402.3	4344301	4.44E-06	30YrCancerDerived_InhSoilDermMMilk	4.44E-06
1284	ALL	668602.3	4344121	4.44E-06	30YrCancerDerived_InhSoilDermMMilk	4.44E-06
1262	ALL	669182.3	4344101	4.44E-06	30YrCancerDerived_InhSoilDermMMilk	4.44E-06
1303	ALL	669202.3	4344121	4.44E-06	30YrCancerDerived_InhSoilDermMMilk	4.44E-06
1449	ALL	668662.3	4344201	4.43E-06	30YrCancerDerived_InhSoilDermMMilk	4.43E-06
359	ALL	668682.3	4343501	4.43E-06	30YrCancerDerived_InhSoilDermMMilk	4.43E-06
1665	ALL	668742.3	4344301	4.42E-06	30YrCancerDerived_InhSoilDermMMilk	4.42E-06
315	ALL	668662.3	4343481	4.40E-06	30YrCancerDerived_InhSoilDermMMilk	4.40E-06
1046	ALL	668502.3	4344001	4.40E-06	30YrCancerDerived_InhSoilDermMMilk	4.40E-06
1560	ALL	669362.3	4344241	4.39E-06	30YrCancerDerived_InhSoilDermMMilk	4.39E-06
57	ALL	668522.3	4343361	4.38E-06	30YrCancerDerived_InhSoilDermMMilk	4.38E-06
1621	ALL	668722.3	4344281	4.38E-06	30YrCancerDerived_InhSoilDermMMilk	4.38E-06
1138	ALL	669162.3	4344041	4.38E-06	30YrCancerDerived_InhSoilDermMMilk	4.38E-06
1019	ALL	668482.3	4343981	4.38E-06	30YrCancerDerived_InhSoilDermMMilk	4.38E-06
1242	ALL	668582.3	4344101	4.38E-06	30YrCancerDerived_InhSoilDermMMilk	4.38E-06
1517	ALL	669342.3	4344221	4.37E-06	30YrCancerDerived_InhSoilDermMMilk	4.37E-06
271	ALL	668642.3	4343461	4.37E-06	30YrCancerDerived_InhSoilDermMMilk	4.37E-06
991	ALL	668462.3	4343961	4.36E-06	30YrCancerDerived_InhSoilDermMMilk	4.36E-06
1473	ALL	669322.3	4344201	4.36E-06	30YrCancerDerived_InhSoilDermMMilk	4.36E-06
1430	ALL	669302.3	4344181	4.34E-06	30YrCancerDerived_InhSoilDermMMilk	4.34E-06
1578	ALL	668702.3	4344261	4.33E-06	30YrCancerDerived_InhSoilDermMMilk	4.33E-06
1098	ALL	669162.3	4344021	4.33E-06	30YrCancerDerived_InhSoilDermMMilk	4.33E-06
966	ALL	668442.3	4343941	4.32E-06	30YrCancerDerived_InhSoilDermMMilk	4.32E-06
1737	ALL	669422.3	4344321	4.32E-06	30YrCancerDerived_InhSoilDermMMilk	4.32E-06
1405	ALL	668642.3	4344181	4.32E-06	30YrCancerDerived_InhSoilDermMMilk	4.32E-06
644	ALL	668842.3	4343641	4.32E-06	30YrCancerDerived_InhSoilDermMMilk	4.32E-06
1343	ALL	669242.3	4344141	4.32E-06	30YrCancerDerived_InhSoilDermMMilk	4.32E-06
667	ALL	668862.3	4343661	4.31E-06	30YrCancerDerived_InhSoilDermMMilk	4.31E-06
611	ALL	668822.3	4343621	4.31E-06	30YrCancerDerived_InhSoilDermMMilk	4.31E-06
1199	ALL	668562.3	4344081	4.31E-06	30YrCancerDerived_InhSoilDermMMilk	4.31E-06
1603	ALL	669382.3	4344261	4.31E-06	30YrCancerDerived_InhSoilDermMMilk	4.31E-06
578	ALL	668802.3	4343601	4.30E-06	30YrCancerDerived_InhSoilDermMMilk	4.30E-06
695	ALL	668882.3	4343681	4.30E-06	30YrCancerDerived_InhSoilDermMMilk	4.30E-06
1535	ALL	668682.3	4344241	4.28E-06	30YrCancerDerived_InhSoilDermMMilk	4.28E-06
536	ALL	668782.3	4343581	4.28E-06	30YrCancerDerived_InhSoilDermMMilk	4.28E-06
1158	ALL	668542.3	4344061	4.27E-06	30YrCancerDerived_InhSoilDermMMilk	4.27E-06
1386	ALL	669282.3	4344161	4.27E-06	30YrCancerDerived_InhSoilDermMMilk	4.27E-06
494	ALL	668762.3	4343561	4.25E-06	30YrCancerDerived_InhSoilDermMMilk	4.25E-06
1117	ALL	668522.3	4344041	4.24E-06	30YrCancerDerived_InhSoilDermMMilk	4.24E-06
1363	ALL	668622.3	4344161	4.24E-06	30YrCancerDerived_InhSoilDermMMilk	4.24E-06
1221	ALL	669182.3	4344081	4.23E-06	30YrCancerDerived_InhSoilDermMMilk	4.23E-06
1491	ALL	668662.3	4344221	4.23E-06	30YrCancerDerived_InhSoilDermMMilk	4.23E-06
449	ALL	668742.3	4343541	4.23E-06	30YrCancerDerived_InhSoilDermMMilk	4.23E-06
1647	ALL	669402.3	4344281	4.22E-06	30YrCancerDerived_InhSoilDermMMilk	4.22E-06
1079	ALL	668502.3	4344021	4.22E-06	30YrCancerDerived_InhSoilDermMMilk	4.22E-06
1709	ALL	668742.3	4344321	4.21E-06	30YrCancerDerived_InhSoilDermMMilk	4.21E-06
404	ALL	668722.3	4343521	4.21E-06	30YrCancerDerived_InhSoilDermMMilk	4.21E-06
1324	ALL	668602.3	4344141	4.20E-06	30YrCancerDerived_InhSoilDermMMilk	4.20E-06
1045	ALL	668482.3	4344001	4.20E-06	30YrCancerDerived_InhSoilDermMMilk	4.20E-06
1344	ALL	669262.3	4344141	4.18E-06	30YrCancerDerived_InhSoilDermMMilk	4.18E-06
932	ALL	669082.3	4343901	4.18E-06	30YrCancerDerived_InhSoilDermMMilk	4.18E-06
1061	ALL	669162.3	4344001	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-06
1664	ALL	668722.3	4344301	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-06
825	ALL	668982.3	4343801	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-06

360	ALL	668702.3	4343501	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-06
1018	ALL	668462.3	4343981	4.16E-06	30YrCancerDerived_InhSoilDermMMilk	4.16E-06
1283	ALL	668582.3	4344121	4.15E-06	30YrCancerDerived_InhSoilDermMMilk	4.15E-06
316	ALL	668682.3	4343481	4.15E-06	30YrCancerDerived_InhSoilDermMMilk	4.15E-06
1448	ALL	668642.3	4344201	4.14E-06	30YrCancerDerived_InhSoilDermMMilk	4.14E-06
990	ALL	668442.3	4343961	4.13E-06	30YrCancerDerived_InhSoilDermMMilk	4.13E-06
1518	ALL	669362.3	4344221	4.13E-06	30YrCancerDerived_InhSoilDermMMilk	4.13E-06
1304	ALL	669222.3	4344121	4.13E-06	30YrCancerDerived_InhSoilDermMMilk	4.13E-06
1620	ALL	668702.3	4344281	4.12E-06	30YrCancerDerived_InhSoilDermMMilk	4.12E-06
1474	ALL	669342.3	4344201	4.12E-06	30YrCancerDerived_InhSoilDermMMilk	4.12E-06
1241	ALL	668562.3	4344101	4.11E-06	30YrCancerDerived_InhSoilDermMMilk	4.11E-06
1692	ALL	669422.3	4344301	4.11E-06	30YrCancerDerived_InhSoilDermMMilk	4.11E-06
1179	ALL	669182.3	4344061	4.11E-06	30YrCancerDerived_InhSoilDermMMilk	4.11E-06
272	ALL	668662.3	4343461	4.10E-06	30YrCancerDerived_InhSoilDermMMilk	4.10E-06
1431	ALL	669322.3	4344181	4.10E-06	30YrCancerDerived_InhSoilDermMMilk	4.10E-06
1561	ALL	669382.3	4344241	4.09E-06	30YrCancerDerived_InhSoilDermMMilk	4.09E-06
58	ALL	668542.3	4343361	4.09E-06	30YrCancerDerived_InhSoilDermMMilk	4.09E-06
1577	ALL	668682.3	4344261	4.08E-06	30YrCancerDerived_InhSoilDermMMilk	4.08E-06
1198	ALL	668542.3	4344081	4.08E-06	30YrCancerDerived_InhSoilDermMMilk	4.08E-06
612	ALL	668842.3	4343621	4.07E-06	30YrCancerDerived_InhSoilDermMMilk	4.07E-06
804	ALL	668982.3	4343781	4.07E-06	30YrCancerDerived_InhSoilDermMMilk	4.07E-06
579	ALL	668822.3	4343601	4.07E-06	30YrCancerDerived_InhSoilDermMMilk	4.07E-06
645	ALL	668862.3	4343641	4.07E-06	30YrCancerDerived_InhSoilDermMMilk	4.07E-06
230	ALL	668642.3	4343441	4.06E-06	30YrCancerDerived_InhSoilDermMMilk	4.06E-06
1387	ALL	669302.3	4344161	4.06E-06	30YrCancerDerived_InhSoilDermMMilk	4.06E-06
537	ALL	668802.3	4343581	4.06E-06	30YrCancerDerived_InhSoilDermMMilk	4.06E-06
1263	ALL	669202.3	4344101	4.05E-06	30YrCancerDerived_InhSoilDermMMilk	4.05E-06
668	ALL	668882.3	4343661	4.05E-06	30YrCancerDerived_InhSoilDermMMilk	4.05E-06
1157	ALL	668522.3	4344061	4.05E-06	30YrCancerDerived_InhSoilDermMMilk	4.05E-06
1404	ALL	668622.3	4344181	4.05E-06	30YrCancerDerived_InhSoilDermMMilk	4.05E-06
1534	ALL	668662.3	4344241	4.04E-06	30YrCancerDerived_InhSoilDermMMilk	4.04E-06
1116	ALL	668502.3	4344041	4.03E-06	30YrCancerDerived_InhSoilDermMMilk	4.03E-06
495	ALL	668782.3	4343561	4.02E-06	30YrCancerDerived_InhSoilDermMMilk	4.02E-06
1078	ALL	668482.3	4344021	4.02E-06	30YrCancerDerived_InhSoilDermMMilk	4.02E-06
1139	ALL	669182.3	4344041	4.02E-06	30YrCancerDerived_InhSoilDermMMilk	4.02E-06
1362	ALL	668602.3	4344161	4.01E-06	30YrCancerDerived_InhSoilDermMMilk	4.01E-06
1604	ALL	669402.3	4344261	4.01E-06	30YrCancerDerived_InhSoilDermMMilk	4.01E-06
1738	ALL	669442.3	4344321	3.99E-06	30YrCancerDerived_InhSoilDermMMilk	3.99E-06
1044	ALL	668462.3	4344001	3.99E-06	30YrCancerDerived_InhSoilDermMMilk	3.99E-06
450	ALL	668762.3	4343541	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06
1099	ALL	669182.3	4344021	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06
1345	ALL	669282.3	4344141	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06
1708	ALL	668722.3	4344321	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06
1490	ALL	668642.3	4344221	3.97E-06	30YrCancerDerived_InhSoilDermMMilk	3.97E-06
1323	ALL	668582.3	4344141	3.97E-06	30YrCancerDerived_InhSoilDermMMilk	3.97E-06
405	ALL	668742.3	4343521	3.97E-06	30YrCancerDerived_InhSoilDermMMilk	3.97E-06
1017	ALL	668442.3	4343981	3.95E-06	30YrCancerDerived_InhSoilDermMMilk	3.95E-06
1663	ALL	668702.3	4344301	3.94E-06	30YrCancerDerived_InhSoilDermMMilk	3.94E-06
361	ALL	668722.3	4343501	3.94E-06	30YrCancerDerived_InhSoilDermMMilk	3.94E-06
1305	ALL	669242.3	4344121	3.93E-06	30YrCancerDerived_InhSoilDermMMilk	3.93E-06
1282	ALL	668562.3	4344121	3.93E-06	30YrCancerDerived_InhSoilDermMMilk	3.93E-06
317	ALL	668702.3	4343481	3.92E-06	30YrCancerDerived_InhSoilDermMMilk	3.92E-06
1648	ALL	669422.3	4344281	3.92E-06	30YrCancerDerived_InhSoilDermMMilk	3.92E-06
1519	ALL	669382.3	4344221	3.90E-06	30YrCancerDerived_InhSoilDermMMilk	3.90E-06
1240	ALL	668542.3	4344101	3.90E-06	30YrCancerDerived_InhSoilDermMMilk	3.90E-06
1475	ALL	669362.3	4344201	3.90E-06	30YrCancerDerived_InhSoilDermMMilk	3.90E-06
1619	ALL	668682.3	4344281	3.89E-06	30YrCancerDerived_InhSoilDermMMilk	3.89E-06
273	ALL	668682.3	4343461	3.89E-06	30YrCancerDerived_InhSoilDermMMilk	3.89E-06
1447	ALL	668622.3	4344201	3.88E-06	30YrCancerDerived_InhSoilDermMMilk	3.88E-06
1432	ALL	669342.3	4344181	3.88E-06	30YrCancerDerived_InhSoilDermMMilk	3.88E-06
1197	ALL	668522.3	4344081	3.87E-06	30YrCancerDerived_InhSoilDermMMilk	3.87E-06
1062	ALL	669182.3	4344001	3.87E-06	30YrCancerDerived_InhSoilDermMMilk	3.87E-06
1576	ALL	668662.3	4344261	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
1156	ALL	668502.3	4344061	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
580	ALL	668842.3	4343601	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
1306	ALL	669262.3	4344121	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
538	ALL	668822.3	4343581	3.84E-06	30YrCancerDerived_InhSoilDermMMilk	3.84E-06
613	ALL	668862.3	4343621	3.84E-06	30YrCancerDerived_InhSoilDermMMilk	3.84E-06
1115	ALL	668482.3	4344041	3.84E-06	30YrCancerDerived_InhSoilDermMMilk	3.84E-06
1403	ALL	668602.3	4344181	3.84E-06	30YrCancerDerived_InhSoilDermMMilk	3.84E-06
1222	ALL	669202.3	4344081	3.84E-06	30YrCancerDerived_InhSoilDermMMilk	3.84E-06
231	ALL	668662.3	4343441	3.83E-06	30YrCancerDerived_InhSoilDermMMilk	3.83E-06
1388	ALL	669322.3	4344161	3.83E-06	30YrCancerDerived_InhSoilDermMMilk	3.83E-06
496	ALL	668802.3	4343561	3.83E-06	30YrCancerDerived_InhSoilDermMMilk	3.83E-06
59	ALL	668562.3	4343361	3.83E-06	30YrCancerDerived_InhSoilDermMMilk	3.83E-06
646	ALL	668882.3	4343641	3.83E-06	30YrCancerDerived_InhSoilDermMMilk	3.83E-06
1562	ALL	669402.3	4344241	3.82E-06	30YrCancerDerived_InhSoilDermMMilk	3.82E-06
1077	ALL	668462.3	4344021	3.82E-06	30YrCancerDerived_InhSoilDermMMilk	3.82E-06
669	ALL	668902.3	4343661	3.82E-06	30YrCancerDerived_InhSoilDermMMilk	3.82E-06
1693	ALL	669442.3	4344301	3.81E-06	30YrCancerDerived_InhSoilDermMMilk	3.81E-06
1533	ALL	668642.3	4344241	3.81E-06	30YrCancerDerived_InhSoilDermMMilk	3.81E-06
1361	ALL	668582.3	4344161	3.80E-06	30YrCancerDerived_InhSoilDermMMilk	3.80E-06
1043	ALL	668442.3	4344001	3.79E-06	30YrCancerDerived_InhSoilDermMMilk	3.79E-06
189	ALL	668642.3	4343421	3.79E-06	30YrCancerDerived_InhSoilDermMMilk	3.79E-06
1264	ALL	669222.3	4344101	3.78E-06	30YrCancerDerived_InhSoilDermMMilk	3.78E-06
451	ALL	668782.3	4343541	3.78E-06	30YrCancerDerived_InhSoilDermMMilk	3.78E-06
1346	ALL	669302.3	4344141	3.77E-06	30YrCancerDerived_InhSoilDermMMilk	3.77E-06
1707	ALL	668702.3	4344321	3.77E-06	30YrCancerDerived_InhSoilDermMMilk	3.77E-06

1322	ALL	668562.3	4344141	3.77E-06	30YrCancerDerived_InhSoilDermMMilk	3.77E-06
805	ALL	669002.3	4343781	3.76E-06	30YrCancerDerived_InhSoilDermMMilk	3.76E-06
406	ALL	668762.3	4343521	3.75E-06	30YrCancerDerived_InhSoilDermMMilk	3.75E-06
1489	ALL	668622.3	4344221	3.74E-06	30YrCancerDerived_InhSoilDermMMilk	3.74E-06
1605	ALL	669422.3	4344261	3.74E-06	30YrCancerDerived_InhSoilDermMMilk	3.74E-06
1281	ALL	668542.3	4344121	3.73E-06	30YrCancerDerived_InhSoilDermMMilk	3.73E-06
362	ALL	668742.3	4343501	3.73E-06	30YrCancerDerived_InhSoilDermMMilk	3.73E-06
1662	ALL	668682.3	4344301	3.73E-06	30YrCancerDerived_InhSoilDermMMilk	3.73E-06
1180	ALL	669202.3	4344061	3.73E-06	30YrCancerDerived_InhSoilDermMMilk	3.73E-06
1029	ALL	669182.3	4343981	3.72E-06	30YrCancerDerived_InhSoilDermMMilk	3.72E-06
769	ALL	668982.3	4343741	3.72E-06	30YrCancerDerived_InhSoilDermMMilk	3.72E-06
318	ALL	668722.3	4343481	3.71E-06	30YrCancerDerived_InhSoilDermMMilk	3.71E-06
1239	ALL	668522.3	4344101	3.71E-06	30YrCancerDerived_InhSoilDermMMilk	3.71E-06
274	ALL	668702.3	4343461	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06
1618	ALL	668662.3	4344281	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06
1196	ALL	668502.3	4344081	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06
1476	ALL	669382.3	4344201	3.68E-06	30YrCancerDerived_InhSoilDermMMilk	3.68E-06
1433	ALL	669362.3	4344181	3.68E-06	30YrCancerDerived_InhSoilDermMMilk	3.68E-06
1307	ALL	669282.3	4344121	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06
1446	ALL	668602.3	4344201	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06
1155	ALL	668482.3	4344061	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06
1140	ALL	669202.3	4344041	3.66E-06	30YrCancerDerived_InhSoilDermMMilk	3.66E-06
1649	ALL	669442.3	4344281	3.65E-06	30YrCancerDerived_InhSoilDermMMilk	3.65E-06
1114	ALL	668462.3	4344041	3.65E-06	30YrCancerDerived_InhSoilDermMMilk	3.65E-06
232	ALL	668682.3	4343441	3.65E-06	30YrCancerDerived_InhSoilDermMMilk	3.65E-06
1520	ALL	669402.3	4344221	3.65E-06	30YrCancerDerived_InhSoilDermMMilk	3.65E-06
1575	ALL	668642.3	4344261	3.65E-06	30YrCancerDerived_InhSoilDermMMilk	3.65E-06
1402	ALL	668582.3	4344181	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06
1389	ALL	669342.3	4344161	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06
497	ALL	668822.3	4343561	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06
539	ALL	668842.3	4343581	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
1076	ALL	668442.3	4344021	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
1100	ALL	669202.3	4344021	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
614	ALL	668882.3	4343621	3.62E-06	30YrCancerDerived_InhSoilDermMMilk	3.62E-06
581	ALL	668862.3	4343601	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06
1360	ALL	668562.3	4344161	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06
647	ALL	668902.3	4343641	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06
452	ALL	668802.3	4343541	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06
60	ALL	668582.3	4343361	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06
1265	ALL	669242.3	4344101	3.60E-06	30YrCancerDerived_InhSoilDermMMilk	3.60E-06
1532	ALL	668622.3	4344241	3.60E-06	30YrCancerDerived_InhSoilDermMMilk	3.60E-06
190	ALL	668662.3	4343421	3.59E-06	30YrCancerDerived_InhSoilDermMMilk	3.59E-06
670	ALL	668922.3	4343661	3.59E-06	30YrCancerDerived_InhSoilDermMMilk	3.59E-06
1321	ALL	668542.3	4344141	3.58E-06	30YrCancerDerived_InhSoilDermMMilk	3.58E-06
1347	ALL	669322.3	4344141	3.58E-06	30YrCancerDerived_InhSoilDermMMilk	3.58E-06
1563	ALL	669422.3	4344241	3.57E-06	30YrCancerDerived_InhSoilDermMMilk	3.57E-06
1706	ALL	668682.3	4344321	3.57E-06	30YrCancerDerived_InhSoilDermMMilk	3.57E-06
1003	ALL	669182.3	4343961	3.57E-06	30YrCancerDerived_InhSoilDermMMilk	3.57E-06
407	ALL	668782.3	4343521	3.56E-06	30YrCancerDerived_InhSoilDermMMilk	3.56E-06
1280	ALL	668522.3	4344121	3.56E-06	30YrCancerDerived_InhSoilDermMMilk	3.56E-06
1223	ALL	669222.3	4344081	3.55E-06	30YrCancerDerived_InhSoilDermMMilk	3.55E-06
883	ALL	669082.7	4343856	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
726	ALL	668962.3	4343701	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
148	ALL	668642.3	4343401	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
363	ALL	668762.3	4343501	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
748	ALL	668982.3	4343721	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
1488	ALL	668602.3	4344221	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
1063	ALL	669202.3	4344001	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
1661	ALL	668662.3	4344301	3.53E-06	30YrCancerDerived_InhSoilDermMMilk	3.53E-06
1238	ALL	668502.3	4344101	3.53E-06	30YrCancerDerived_InhSoilDermMMilk	3.53E-06
1195	ALL	668482.3	4344081	3.51E-06	30YrCancerDerived_InhSoilDermMMilk	3.51E-06
319	ALL	668742.3	4343481	3.51E-06	30YrCancerDerived_InhSoilDermMMilk	3.51E-06
770	ALL	669002.3	4343741	3.51E-06	30YrCancerDerived_InhSoilDermMMilk	3.51E-06
1266	ALL	669262.3	4344101	3.51E-06	30YrCancerDerived_InhSoilDermMMilk	3.51E-06
275	ALL	668722.3	4343461	3.50E-06	30YrCancerDerived_InhSoilDermMMilk	3.50E-06
1606	ALL	669442.3	4344261	3.50E-06	30YrCancerDerived_InhSoilDermMMilk	3.50E-06
1154	ALL	668462.3	4344061	3.50E-06	30YrCancerDerived_InhSoilDermMMilk	3.50E-06
1617	ALL	668642.3	4344281	3.49E-06	30YrCancerDerived_InhSoilDermMMilk	3.49E-06
1445	ALL	668582.3	4344201	3.49E-06	30YrCancerDerived_InhSoilDermMMilk	3.49E-06
1308	ALL	669302.3	4344121	3.49E-06	30YrCancerDerived_InhSoilDermMMilk	3.49E-06
1113	ALL	668442.3	4344041	3.48E-06	30YrCancerDerived_InhSoilDermMMilk	3.48E-06
1434	ALL	669382.3	4344181	3.48E-06	30YrCancerDerived_InhSoilDermMMilk	3.48E-06
106	ALL	668622.3	4343381	3.48E-06	30YrCancerDerived_InhSoilDermMMilk	3.48E-06
233	ALL	668702.3	4343441	3.48E-06	30YrCancerDerived_InhSoilDermMMilk	3.48E-06
806	ALL	669022.3	4343781	3.48E-06	30YrCancerDerived_InhSoilDermMMilk	3.48E-06
1401	ALL	668562.3	4344181	3.47E-06	30YrCancerDerived_InhSoilDermMMilk	3.47E-06
1390	ALL	669362.3	4344161	3.46E-06	30YrCancerDerived_InhSoilDermMMilk	3.46E-06
1574	ALL	668622.3	4344261	3.46E-06	30YrCancerDerived_InhSoilDermMMilk	3.46E-06
1477	ALL	669402.3	4344201	3.46E-06	30YrCancerDerived_InhSoilDermMMilk	3.46E-06
1181	ALL	669222.3	4344061	3.45E-06	30YrCancerDerived_InhSoilDermMMilk	3.45E-06
453	ALL	668822.3	4343541	3.44E-06	30YrCancerDerived_InhSoilDermMMilk	3.44E-06
1359	ALL	668542.3	4344161	3.44E-06	30YrCancerDerived_InhSoilDermMMilk	3.44E-06
498	ALL	668842.3	4343561	3.44E-06	30YrCancerDerived_InhSoilDermMMilk	3.44E-06
1030	ALL	669202.3	4343981	3.43E-06	30YrCancerDerived_InhSoilDermMMilk	3.43E-06
191	ALL	668682.3	4343421	3.43E-06	30YrCancerDerived_InhSoilDermMMilk	3.43E-06
1521	ALL	669422.3	4344221	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
1320	ALL	668522.3	4344141	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
61	ALL	668602.3	4343361	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06

615	ALL	668902.3	4343621	3.41E-06	30YrCancerDerived_InhSoilDermMMilk	3.41E-06
1531	ALL	668602.3	4344241	3.41E-06	30YrCancerDerived_InhSoilDermMMilk	3.41E-06
408	ALL	668802.3	4343521	3.41E-06	30YrCancerDerived_InhSoilDermMMilk	3.41E-06
540	ALL	668862.3	4343581	3.41E-06	30YrCancerDerived_InhSoilDermMMilk	3.41E-06
648	ALL	668922.3	4343641	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
582	ALL	668882.3	4343601	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
1141	ALL	669222.3	4344041	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
1279	ALL	668502.3	4344121	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
1705	ALL	668662.3	4344321	3.39E-06	30YrCancerDerived_InhSoilDermMMilk	3.39E-06
1237	ALL	668482.3	4344101	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
696	ALL	668962.3	4343681	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
1267	ALL	669282.3	4344101	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
149	ALL	668662.3	4343401	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
727	ALL	668982.3	4343701	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
1348	ALL	669342.3	4344141	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
364	ALL	668782.3	4343501	3.36E-06	30YrCancerDerived_InhSoilDermMMilk	3.36E-06
749	ALL	669002.3	4343721	3.36E-06	30YrCancerDerived_InhSoilDermMMilk	3.36E-06
1194	ALL	668462.3	4344081	3.36E-06	30YrCancerDerived_InhSoilDermMMilk	3.36E-06
1487	ALL	668582.3	4344221	3.36E-06	30YrCancerDerived_InhSoilDermMMilk	3.36E-06
1660	ALL	668642.3	4344301	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
1224	ALL	669242.3	4344081	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
1101	ALL	669222.3	4344021	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
1564	ALL	669442.3	4344241	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
1153	ALL	668442.3	4344061	3.34E-06	30YrCancerDerived_InhSoilDermMMilk	3.34E-06
320	ALL	668762.3	4343481	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
1444	ALL	668562.3	4344201	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
1616	ALL	668622.3	4344281	3.32E-06	30YrCancerDerived_InhSoilDermMMilk	3.32E-06
276	ALL	668742.3	4343461	3.32E-06	30YrCancerDerived_InhSoilDermMMilk	3.32E-06
1004	ALL	669202.3	4343961	3.31E-06	30YrCancerDerived_InhSoilDermMMilk	3.31E-06
1309	ALL	669322.3	4344121	3.31E-06	30YrCancerDerived_InhSoilDermMMilk	3.31E-06
107	ALL	668642.3	4343381	3.31E-06	30YrCancerDerived_InhSoilDermMMilk	3.31E-06
234	ALL	668722.3	4343441	3.30E-06	30YrCancerDerived_InhSoilDermMMilk	3.30E-06
1400	ALL	668542.3	4344181	3.30E-06	30YrCancerDerived_InhSoilDermMMilk	3.30E-06
1391	ALL	669382.3	4344161	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
1573	ALL	668602.3	4344261	3.28E-06	30YrCancerDerived_InhSoilDermMMilk	3.28E-06
1358	ALL	668522.3	4344161	3.28E-06	30YrCancerDerived_InhSoilDermMMilk	3.28E-06
1435	ALL	669402.3	4344181	3.28E-06	30YrCancerDerived_InhSoilDermMMilk	3.28E-06
1064	ALL	669222.3	4344001	3.28E-06	30YrCancerDerived_InhSoilDermMMilk	3.28E-06
454	ALL	668842.3	4343541	3.27E-06	30YrCancerDerived_InhSoilDermMMilk	3.27E-06
192	ALL	668702.3	4343421	3.27E-06	30YrCancerDerived_InhSoilDermMMilk	3.27E-06
1319	ALL	668502.3	4344141	3.27E-06	30YrCancerDerived_InhSoilDermMMilk	3.27E-06
409	ALL	668822.3	4343521	3.26E-06	30YrCancerDerived_InhSoilDermMMilk	3.26E-06
1478	ALL	669422.3	4344201	3.25E-06	30YrCancerDerived_InhSoilDermMMilk	3.25E-06
1278	ALL	668482.3	4344121	3.25E-06	30YrCancerDerived_InhSoilDermMMilk	3.25E-06
1530	ALL	668582.3	4344241	3.24E-06	30YrCancerDerived_InhSoilDermMMilk	3.24E-06
1225	ALL	669262.3	4344081	3.24E-06	30YrCancerDerived_InhSoilDermMMilk	3.24E-06
62	ALL	668622.3	4343361	3.24E-06	30YrCancerDerived_InhSoilDermMMilk	3.24E-06
1182	ALL	669242.3	4344061	3.23E-06	30YrCancerDerived_InhSoilDermMMilk	3.23E-06
1236	ALL	668462.3	4344101	3.23E-06	30YrCancerDerived_InhSoilDermMMilk	3.23E-06
616	ALL	668922.3	4343621	3.23E-06	30YrCancerDerived_InhSoilDermMMilk	3.23E-06
499	ALL	668862.3	4343561	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-06
1704	ALL	668642.3	4344321	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-06
365	ALL	668802.3	4343501	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-06
583	ALL	668902.3	4343601	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-06
1268	ALL	669302.3	4344101	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-06
150	ALL	668682.3	4343401	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-06
1193	ALL	668442.3	4344081	3.21E-06	30YrCancerDerived_InhSoilDermMMilk	3.21E-06
697	ALL	668982.3	4343681	3.21E-06	30YrCancerDerived_InhSoilDermMMilk	3.21E-06
1522	ALL	669442.3	4344221	3.21E-06	30YrCancerDerived_InhSoilDermMMilk	3.21E-06
541	ALL	668882.3	4343581	3.21E-06	30YrCancerDerived_InhSoilDermMMilk	3.21E-06
1486	ALL	668562.3	4344221	3.20E-06	30YrCancerDerived_InhSoilDermMMilk	3.20E-06
1349	ALL	669362.3	4344141	3.20E-06	30YrCancerDerived_InhSoilDermMMilk	3.20E-06
1659	ALL	668622.3	4344301	3.19E-06	30YrCancerDerived_InhSoilDermMMilk	3.19E-06
1031	ALL	669222.3	4343981	3.19E-06	30YrCancerDerived_InhSoilDermMMilk	3.19E-06
321	ALL	668782.3	4343481	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
1443	ALL	668542.3	4344201	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
1142	ALL	669242.3	4344041	3.17E-06	30YrCancerDerived_InhSoilDermMMilk	3.17E-06
108	ALL	668662.3	4343381	3.16E-06	30YrCancerDerived_InhSoilDermMMilk	3.16E-06
1615	ALL	668602.3	4344281	3.16E-06	30YrCancerDerived_InhSoilDermMMilk	3.16E-06
1399	ALL	668522.3	4344181	3.16E-06	30YrCancerDerived_InhSoilDermMMilk	3.16E-06
771	ALL	669042.3	4343741	3.16E-06	30YrCancerDerived_InhSoilDermMMilk	3.16E-06
277	ALL	668762.3	4343461	3.15E-06	30YrCancerDerived_InhSoilDermMMilk	3.15E-06
1357	ALL	668502.3	4344161	3.14E-06	30YrCancerDerived_InhSoilDermMMilk	3.14E-06
235	ALL	668742.3	4343441	3.14E-06	30YrCancerDerived_InhSoilDermMMilk	3.14E-06
1318	ALL	668482.3	4344141	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
1226	ALL	669282.3	4344081	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
1572	ALL	668582.3	4344261	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
193	ALL	668722.3	4343421	3.12E-06	30YrCancerDerived_InhSoilDermMMilk	3.12E-06
1392	ALL	669402.3	4344161	3.12E-06	30YrCancerDerived_InhSoilDermMMilk	3.12E-06
1102	ALL	669242.3	4344021	3.12E-06	30YrCancerDerived_InhSoilDermMMilk	3.12E-06
410	ALL	668842.3	4343521	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-06
1277	ALL	668462.3	4344121	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-06
1310	ALL	669342.3	4344121	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-06
826	ALL	669062.3	4343801	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-06
1436	ALL	669422.3	4344181	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
455	ALL	668862.3	4343541	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
907	ALL	669182.3	4343881	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
1235	ALL	668442.3	4344101	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06

1529	ALL	668562.3	4344241	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
366	ALL	668822.3	4343501	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
807	ALL	669062.3	4343781	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
63	ALL	668642.3	4343361	3.08E-06	30YrCancerDerived_InhSoilDermMMilk	3.08E-06
1005	ALL	669222.3	4343961	3.08E-06	30YrCancerDerived_InhSoilDermMMilk	3.08E-06
151	ALL	668702.3	4343401	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
1183	ALL	669262.3	4344061	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
1350	ALL	669382.3	4344141	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
1479	ALL	669442.3	4344201	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
617	ALL	668942.3	4343621	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
1703	ALL	668622.3	4344321	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
584	ALL	668922.3	4343601	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
698	ALL	669002.3	4343681	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-06
1269	ALL	669322.3	4344101	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-06
1485	ALL	668542.3	4344221	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
542	ALL	668902.3	4343581	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
1065	ALL	669242.3	4344001	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
322	ALL	668802.3	4343481	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
750	ALL	669042.3	4343721	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
500	ALL	668882.3	4343561	3.04E-06	30YrCancerDerived_InhSoilDermMMilk	3.04E-06
1658	ALL	668602.3	4344301	3.04E-06	30YrCancerDerived_InhSoilDermMMilk	3.04E-06
1442	ALL	668522.3	4344201	3.04E-06	30YrCancerDerived_InhSoilDermMMilk	3.04E-06
1398	ALL	668502.3	4344181	3.02E-06	30YrCancerDerived_InhSoilDermMMilk	3.02E-06
109	ALL	668682.3	4343381	3.02E-06	30YrCancerDerived_InhSoilDermMMilk	3.02E-06
1227	ALL	669302.3	4344081	3.01E-06	30YrCancerDerived_InhSoilDermMMilk	3.01E-06
1356	ALL	668482.3	4344161	3.01E-06	30YrCancerDerived_InhSoilDermMMilk	3.01E-06
1614	ALL	668582.3	4344281	3.01E-06	30YrCancerDerived_InhSoilDermMMilk	3.01E-06
278	ALL	668782.3	4343461	3.01E-06	30YrCancerDerived_InhSoilDermMMilk	3.01E-06
772	ALL	669062.3	4343741	3.00E-06	30YrCancerDerived_InhSoilDermMMilk	3.00E-06
1317	ALL	668462.3	4344141	3.00E-06	30YrCancerDerived_InhSoilDermMMilk	3.00E-06
236	ALL	668762.3	4343441	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06
1184	ALL	669282.3	4344061	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06
1571	ALL	668562.3	4344261	2.98E-06	30YrCancerDerived_InhSoilDermMMilk	2.98E-06
1276	ALL	668442.3	4344121	2.98E-06	30YrCancerDerived_InhSoilDermMMilk	2.98E-06
411	ALL	668862.3	4343521	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06
194	ALL	668742.3	4343421	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06
1032	ALL	669242.3	4343981	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
1393	ALL	669422.3	4344161	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
1143	ALL	669262.3	4344041	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
1311	ALL	669362.3	4344121	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
367	ALL	668842.3	4343501	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
1528	ALL	668542.3	4344241	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06
1351	ALL	669402.3	4344141	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06
1437	ALL	669442.3	4344181	2.94E-06	30YrCancerDerived_InhSoilDermMMilk	2.94E-06
618	ALL	668962.3	4343621	2.94E-06	30YrCancerDerived_InhSoilDermMMilk	2.94E-06
152	ALL	668722.3	4343401	2.94E-06	30YrCancerDerived_InhSoilDermMMilk	2.94E-06
64	ALL	668662.3	4343361	2.94E-06	30YrCancerDerived_InhSoilDermMMilk	2.94E-06
456	ALL	668882.3	4343541	2.94E-06	30YrCancerDerived_InhSoilDermMMilk	2.94E-06
585	ALL	668942.3	4343601	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
908	ALL	669202.3	4343881	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
699	ALL	669022.3	4343681	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
323	ALL	668822.3	4343481	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
1103	ALL	669262.3	4344021	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
1702	ALL	668602.3	4344321	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
543	ALL	668922.3	4343581	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
1484	ALL	668522.3	4344221	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
728	ALL	669042.3	4343701	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
751	ALL	669062.3	4343721	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
1441	ALL	668502.3	4344201	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
501	ALL	668902.3	4343561	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
1185	ALL	669302.3	4344061	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
1657	ALL	668582.3	4344301	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
1397	ALL	668482.3	4344181	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
1228	ALL	669322.3	4344081	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
1312	ALL	669382.3	4344121	2.89E-06	30YrCancerDerived_InhSoilDermMMilk	2.89E-06
1144	ALL	669282.3	4344041	2.89E-06	30YrCancerDerived_InhSoilDermMMilk	2.89E-06
1355	ALL	668462.3	4344161	2.89E-06	30YrCancerDerived_InhSoilDermMMilk	2.89E-06
279	ALL	668802.3	4343461	2.89E-06	30YrCancerDerived_InhSoilDermMMilk	2.89E-06
110	ALL	668702.3	4343381	2.89E-06	30YrCancerDerived_InhSoilDermMMilk	2.89E-06
1270	ALL	669342.3	4344101	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
1613	ALL	668562.3	4344281	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
1316	ALL	668442.3	4344141	2.87E-06	30YrCancerDerived_InhSoilDermMMilk	2.87E-06
1006	ALL	669242.3	4343961	2.86E-06	30YrCancerDerived_InhSoilDermMMilk	2.86E-06
773	ALL	669082.3	4343741	2.86E-06	30YrCancerDerived_InhSoilDermMMilk	2.86E-06
1066	ALL	669262.3	4344001	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
237	ALL	668782.3	4343441	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
1570	ALL	668542.3	4344261	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
884	ALL	669202.3	4343861	2.84E-06	30YrCancerDerived_InhSoilDermMMilk	2.84E-06
368	ALL	668862.3	4343501	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
412	ALL	668882.3	4343521	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
195	ALL	668762.3	4343421	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
1145	ALL	669302.3	4344041	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
619	ALL	668982.3	4343621	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
1186	ALL	669322.3	4344061	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
586	ALL	668962.3	4343601	2.82E-06	30YrCancerDerived_InhSoilDermMMilk	2.82E-06
1394	ALL	669442.3	4344161	2.82E-06	30YrCancerDerived_InhSoilDermMMilk	2.82E-06
1527	ALL	668522.3	4344241	2.82E-06	30YrCancerDerived_InhSoilDermMMilk	2.82E-06
1352	ALL	669422.3	4344141	2.82E-06	30YrCancerDerived_InhSoilDermMMilk	2.82E-06

544	ALL	668942.3	4343581	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
324	ALL	668842.3	4343481	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
65	ALL	668682.3	4343361	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
457	ALL	668902.3	4343541	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
153	ALL	668742.3	4343401	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
1104	ALL	669282.3	4344021	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
1483	ALL	668502.3	4344221	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
502	ALL	668922.3	4343561	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
729	ALL	669062.3	4343701	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
1313	ALL	669402.3	4344121	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
1701	ALL	668582.3	4344321	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
1440	ALL	668482.3	4344201	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
979	ALL	669242.3	4343941	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
752	ALL	669082.3	4343721	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
1396	ALL	668462.3	4344181	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
1229	ALL	669342.3	4344081	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
1271	ALL	669362.3	4344101	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
280	ALL	668822.3	4343461	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
1656	ALL	668562.3	4344301	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
1354	ALL	668442.3	4344161	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
111	ALL	668722.3	4343381	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
1033	ALL	669262.3	4343981	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
827	ALL	669162.3	4343801	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
1146	ALL	669322.3	4344041	2.76E-06	30YrCancerDerived_InhSoilDermMMilk	2.76E-06
1612	ALL	668542.3	4344281	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
1187	ALL	669342.3	4344061	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
1272	ALL	669382.3	4344101	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
238	ALL	668802.3	4343441	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06
1569	ALL	668522.3	4344261	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06
587	ALL	668982.3	4343601	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06
369	ALL	668882.3	4343501	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06
545	ALL	668962.3	4343581	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06
620	ALL	669002.3	4343621	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06
196	ALL	668782.3	4343421	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06
413	ALL	668902.3	4343521	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06
1526	ALL	668502.3	4344241	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06
1067	ALL	669282.3	4344001	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06
1105	ALL	669302.3	4344021	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06
503	ALL	668942.3	4343561	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
458	ALL	668922.3	4343541	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
1147	ALL	669342.3	4344041	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
1230	ALL	669362.3	4344081	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
325	ALL	668862.3	4343481	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
66	ALL	668702.3	4343361	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
1353	ALL	669442.3	4344141	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
1314	ALL	669422.3	4344121	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
1482	ALL	668482.3	4344221	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
700	ALL	669062.3	4343681	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
1439	ALL	668462.3	4344201	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
730	ALL	669082.3	4343701	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
154	ALL	668762.3	4343401	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
1007	ALL	669262.3	4343961	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
1188	ALL	669362.3	4344061	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
885	ALL	669222.3	4343861	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
1395	ALL	668442.3	4344181	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
1700	ALL	668562.3	4344321	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
281	ALL	668842.3	4343461	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
828	ALL	669182.3	4343801	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
1273	ALL	669402.3	4344101	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
1655	ALL	668542.3	4344301	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
1231	ALL	669382.3	4344081	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
792	ALL	669142.3	4343761	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
112	ALL	668742.3	4343381	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
239	ALL	668822.3	4343441	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
1148	ALL	669362.3	4344041	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
1611	ALL	668522.3	4344281	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
1106	ALL	669322.3	4344021	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
1568	ALL	668502.3	4344261	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
1189	ALL	669382.3	4344061	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
546	ALL	668982.3	4343581	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
504	ALL	668962.3	4343561	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06
588	ALL	669002.3	4343601	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06
67	ALL	668722.3	4343361	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06
1034	ALL	669282.3	4343981	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06
459	ALL	668942.3	4343541	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06
197	ALL	668802.3	4343421	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06
414	ALL	668922.3	4343521	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06
621	ALL	669022.3	4343621	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
370	ALL	668902.3	4343501	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
1525	ALL	668482.3	4344241	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
980	ALL	669262.3	4343941	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
326	ALL	668882.3	4343481	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
1315	ALL	669442.3	4344121	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
1481	ALL	668462.3	4344221	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
863	ALL	669222.3	4343841	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
1274	ALL	669422.3	4344101	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
1232	ALL	669402.3	4344081	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
1438	ALL	668442.3	4344201	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06

1068	ALL	669302.3	4344001	2.58E-06	30YrCancerDerived_InhSoilDermMMilk	2.58E-06
701	ALL	669082.3	4343681	2.58E-06	30YrCancerDerived_InhSoilDermMMilk	2.58E-06
155	ALL	668782.3	4343401	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
282	ALL	668862.3	4343461	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
1149	ALL	669382.3	4344041	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
1107	ALL	669342.3	4344021	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
1699	ALL	668542.3	4344321	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
1654	ALL	668522.3	4344301	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
1190	ALL	669402.3	4344061	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
113	ALL	668762.3	4343381	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
240	ALL	668842.3	4343441	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
1610	ALL	668502.3	4344281	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
956	ALL	669262.3	4343921	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
1567	ALL	668482.3	4344261	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
547	ALL	669002.3	4343581	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
505	ALL	668982.3	4343561	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
1008	ALL	669282.3	4343961	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
460	ALL	668962.3	4343541	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
589	ALL	669022.3	4343601	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
1233	ALL	669422.3	4344081	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
68	ALL	668742.3	4343361	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
198	ALL	668822.3	4343421	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
415	ALL	668942.3	4343521	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
1108	ALL	669362.3	4344021	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
1275	ALL	669442.3	4344101	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
1524	ALL	668462.3	4344241	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
622	ALL	669042.3	4343621	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
371	ALL	668922.3	4343501	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
1480	ALL	668442.3	4344221	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
327	ALL	668902.3	4343481	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-06
1150	ALL	669402.3	4344041	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-06
1069	ALL	669322.3	4344001	2.48E-06	30YrCancerDerived_InhSoilDermMMilk	2.48E-06
156	ALL	668802.3	4343401	2.48E-06	30YrCancerDerived_InhSoilDermMMilk	2.48E-06
283	ALL	668882.3	4343461	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
774	ALL	669162.3	4343741	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
1035	ALL	669302.3	4343981	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
1698	ALL	668522.3	4344321	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
808	ALL	669202.3	4343781	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-06
1191	ALL	669422.3	4344061	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-06
1653	ALL	668502.3	4344301	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
1109	ALL	669382.3	4344021	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
241	ALL	668862.3	4343441	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
114	ALL	668782.3	4343381	2.44E-06	30YrCancerDerived_InhSoilDermMMilk	2.44E-06
1609	ALL	668482.3	4344281	2.44E-06	30YrCancerDerived_InhSoilDermMMilk	2.44E-06
981	ALL	669282.3	4343941	2.44E-06	30YrCancerDerived_InhSoilDermMMilk	2.44E-06
1234	ALL	669442.3	4344081	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
1566	ALL	668462.3	4344261	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
548	ALL	669022.3	4343581	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
506	ALL	669002.3	4343561	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
590	ALL	669042.3	4343601	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
199	ALL	668842.3	4343421	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
461	ALL	668982.3	4343541	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
1070	ALL	669342.3	4344001	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
1523	ALL	668442.3	4344241	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
69	ALL	668762.3	4343361	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
416	ALL	668962.3	4343521	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
623	ALL	669062.3	4343621	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
372	ALL	668942.3	4343501	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
328	ALL	668922.3	4343481	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
1151	ALL	669422.3	4344041	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
157	ALL	668822.3	4343401	2.39E-06	30YrCancerDerived_InhSoilDermMMilk	2.39E-06
1110	ALL	669402.3	4344021	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
753	ALL	669162.3	4343721	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
284	ALL	668902.3	4343461	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
702	ALL	669122.3	4343681	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
1009	ALL	669302.3	4343961	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
775	ALL	669182.3	4343741	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
957	ALL	669282.3	4343921	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
1697	ALL	668502.3	4344321	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
1071	ALL	669362.3	4344001	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
1652	ALL	668482.3	4344301	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
242	ALL	668882.3	4343441	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
809	ALL	669222.3	4343781	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
1192	ALL	669442.3	4344061	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
115	ALL	668802.3	4343381	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
1608	ALL	668462.3	4344281	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
1036	ALL	669322.3	4343981	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
1565	ALL	668442.3	4344261	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
933	ALL	669282.3	4343901	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
200	ALL	668862.3	4343421	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
549	ALL	669042.3	4343581	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
507	ALL	669022.3	4343561	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
591	ALL	669062.3	4343601	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
462	ALL	669002.3	4343541	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
70	ALL	668782.3	4343361	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
624	ALL	669082.3	4343621	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
417	ALL	668982.3	4343521	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
373	ALL	668962.3	4343501	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-06

1072	ALL	669382.3	4344001	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-06
329	ALL	668942.3	4343481	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-06
982	ALL	669302.3	4343941	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-06
158	ALL	668842.3	4343401	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
1111	ALL	669422.3	4344021	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
703	ALL	669142.3	4343681	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
285	ALL	668922.3	4343461	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
1152	ALL	669442.3	4344041	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
1010	ALL	669322.3	4343961	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
1696	ALL	668482.3	4344321	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
243	ALL	668902.3	4343441	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
1037	ALL	669342.3	4343981	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
1651	ALL	668462.3	4344301	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
116	ALL	668822.3	4343381	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
1607	ALL	668442.3	4344281	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
1073	ALL	669402.3	4344001	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
201	ALL	668882.3	4343421	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-06
550	ALL	669062.3	4343581	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-06
508	ALL	669042.3	4343561	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-06
592	ALL	669082.3	4343601	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-06
463	ALL	669022.3	4343541	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
958	ALL	669302.3	4343921	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
71	ALL	668802.3	4343361	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
625	ALL	669102.3	4343621	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
418	ALL	669002.3	4343521	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
159	ALL	668862.3	4343401	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
374	ALL	668982.3	4343501	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
1038	ALL	669362.3	4343981	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
671	ALL	669142.3	4343661	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
704	ALL	669162.3	4343681	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
330	ALL	668962.3	4343481	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
286	ALL	668942.3	4343461	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
983	ALL	669322.3	4343941	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
1112	ALL	669442.3	4344021	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
934	ALL	669302.3	4343901	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
1011	ALL	669342.3	4343961	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
1695	ALL	668462.3	4344321	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
244	ALL	668922.3	4343441	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
117	ALL	668842.3	4343381	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-06
1650	ALL	668442.3	4344301	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-06
1074	ALL	669422.3	4344001	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-06
909	ALL	669302.3	4343881	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
202	ALL	668902.3	4343421	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
1039	ALL	669382.3	4343981	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
551	ALL	669082.3	4343581	2.17E-06	30YrCancerDerived_InhSoilDermMMilk	2.17E-06
593	ALL	669102.3	4343601	2.17E-06	30YrCancerDerived_InhSoilDermMMilk	2.17E-06
509	ALL	669062.3	4343561	2.17E-06	30YrCancerDerived_InhSoilDermMMilk	2.17E-06
464	ALL	669042.3	4343541	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
626	ALL	669122.3	4343621	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
72	ALL	668822.3	4343361	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
419	ALL	669022.3	4343521	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
649	ALL	669142.3	4343641	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
160	ALL	668882.3	4343401	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
672	ALL	669162.3	4343661	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
705	ALL	669182.3	4343681	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
375	ALL	669002.3	4343501	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
886	ALL	669302.3	4343861	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
1012	ALL	669362.3	4343961	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
959	ALL	669322.3	4343921	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
984	ALL	669342.3	4343941	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
331	ALL	668982.3	4343481	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
1694	ALL	668442.3	4344321	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
1040	ALL	669402.3	4343981	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
287	ALL	668962.3	4343461	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
118	ALL	668862.3	4343381	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
245	ALL	668942.3	4343441	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
776	ALL	669242.3	4343741	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
1075	ALL	669442.3	4344001	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
935	ALL	669322.3	4343901	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
203	ALL	668922.3	4343421	2.10E-06	30YrCancerDerived_InhSoilDermMMilk	2.10E-06
552	ALL	669102.3	4343581	2.10E-06	30YrCancerDerived_InhSoilDermMMilk	2.10E-06
594	ALL	669122.3	4343601	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
910	ALL	669322.3	4343881	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
510	ALL	669082.3	4343561	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
627	ALL	669142.3	4343621	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
465	ALL	669062.3	4343541	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
864	ALL	669302.3	4343841	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
73	ALL	668842.3	4343361	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
1013	ALL	669382.3	4343961	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
650	ALL	669162.3	4343641	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
420	ALL	669042.3	4343521	2.08E-06	30YrCancerDerived_InhSoilDermMMilk	2.08E-06
673	ALL	669182.3	4343661	2.08E-06	30YrCancerDerived_InhSoilDermMMilk	2.08E-06
161	ALL	668902.3	4343401	2.08E-06	30YrCancerDerived_InhSoilDermMMilk	2.08E-06
706	ALL	669202.3	4343681	2.08E-06	30YrCancerDerived_InhSoilDermMMilk	2.08E-06
985	ALL	669362.3	4343941	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
960	ALL	669342.3	4343921	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
1041	ALL	669422.3	4343981	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
376	ALL	669022.3	4343501	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06

887	ALL	669322.3	4343861	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
936	ALL	669342.3	4343901	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
119	ALL	668882.3	4343381	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
332	ALL	669002.3	4343481	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
288	ALL	668982.3	4343461	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
911	ALL	669342.3	4343881	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
1014	ALL	669402.3	4343961	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
246	ALL	668962.3	4343441	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
754	ALL	669242.3	4343721	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
986	ALL	669382.3	4343941	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
847	ALL	669302.3	4343821	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
810	ALL	669282.3	4343781	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
204	ALL	668942.3	4343421	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
961	ALL	669362.3	4343921	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
595	ALL	669142.3	4343601	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
553	ALL	669122.3	4343581	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
74	ALL	668862.3	4343361	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
511	ALL	669102.3	4343561	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
628	ALL	669162.3	4343621	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
865	ALL	669322.3	4343841	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
888	ALL	669342.3	4343861	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
937	ALL	669362.3	4343901	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
466	ALL	669082.3	4343541	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
651	ALL	669182.3	4343641	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
777	ALL	669262.3	4343741	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
421	ALL	669062.3	4343521	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
162	ALL	668922.3	4343401	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
674	ALL	669202.3	4343661	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
1042	ALL	669442.3	4343981	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
962	ALL	669382.3	4343921	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	2.00E-06
377	ALL	669042.3	4343501	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	2.00E-06
912	ALL	669362.3	4343881	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	2.00E-06
707	ALL	669222.3	4343681	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	2.00E-06
987	ALL	669402.3	4343941	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
1015	ALL	669422.3	4343961	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
120	ALL	668902.3	4343381	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
333	ALL	669022.3	4343481	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
829	ALL	669302.3	4343801	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
938	ALL	669382.3	4343901	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
289	ALL	669002.3	4343461	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
731	ALL	669242.3	4343701	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
793	ALL	669282.3	4343761	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
247	ALL	668982.3	4343441	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
889	ALL	669362.3	4343861	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
866	ALL	669342.3	4343841	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
75	ALL	668882.3	4343361	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
848	ALL	669322.3	4343821	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
963	ALL	669402.3	4343921	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
205	ALL	668962.3	4343421	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
554	ALL	669142.3	4343581	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
596	ALL	669162.3	4343601	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
512	ALL	669122.3	4343561	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
629	ALL	669182.3	4343621	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06
467	ALL	669102.3	4343541	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06
988	ALL	669422.3	4343941	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06
652	ALL	669202.3	4343641	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06
913	ALL	669382.3	4343881	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06
422	ALL	669082.3	4343521	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06
163	ALL	668942.3	4343401	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06
811	ALL	669302.3	4343781	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
378	ALL	669062.3	4343501	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
755	ALL	669262.3	4343721	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
675	ALL	669222.3	4343661	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
1016	ALL	669442.3	4343961	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06
939	ALL	669402.3	4343901	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06
121	ALL	668922.3	4343381	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06
334	ALL	669042.3	4343481	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
964	ALL	669422.3	4343921	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
867	ALL	669362.3	4343841	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
849	ALL	669342.3	4343821	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
708	ALL	669242.3	4343681	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
76	ALL	668902.3	4343361	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
290	ALL	669022.3	4343461	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
890	ALL	669382.3	4343861	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
830	ALL	669322.3	4343801	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
778	ALL	669282.3	4343741	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
989	ALL	669442.3	4343941	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
248	ALL	669002.3	4343441	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
914	ALL	669402.3	4343881	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
206	ALL	668982.3	4343421	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
513	ALL	669142.3	4343561	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
555	ALL	669162.3	4343581	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
597	ALL	669182.3	4343601	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
630	ALL	669202.3	4343621	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
468	ALL	669122.3	4343541	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
940	ALL	669422.3	4343901	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
794	ALL	669302.3	4343761	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
423	ALL	669102.3	4343521	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06

164	ALL	668962.3	4343401	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
653	ALL	669222.3	4343641	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
965	ALL	669442.3	4343921	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
379	ALL	669082.3	4343501	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
732	ALL	669262.3	4343701	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
812	ALL	669322.3	4343781	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
122	ALL	668942.3	4343381	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
850	ALL	669362.3	4343821	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
868	ALL	669382.3	4343841	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
335	ALL	669062.3	4343481	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
831	ALL	669342.3	4343801	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
891	ALL	669402.3	4343861	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
676	ALL	669242.3	4343661	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
77	ALL	668922.3	4343361	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
291	ALL	669042.3	4343461	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
915	ALL	669422.3	4343881	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
249	ALL	669022.3	4343441	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
941	ALL	669442.3	4343901	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
756	ALL	669282.3	4343721	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
207	ALL	669002.3	4343421	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
556	ALL	669182.3	4343581	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
514	ALL	669162.3	4343561	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
598	ALL	669202.3	4343601	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
469	ALL	669142.3	4343541	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
631	ALL	669222.3	4343621	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
424	ALL	669122.3	4343521	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
165	ALL	668982.3	4343401	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
709	ALL	669262.3	4343681	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
813	ALL	669342.3	4343781	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
779	ALL	669302.3	4343741	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
832	ALL	669362.3	4343801	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
380	ALL	669102.3	4343501	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
851	ALL	669382.3	4343821	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
869	ALL	669402.3	4343841	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
123	ALL	668962.3	4343381	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
795	ALL	669322.3	4343761	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
892	ALL	669422.3	4343861	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
654	ALL	669242.3	4343641	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
336	ALL	669082.3	4343481	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
78	ALL	668942.3	4343361	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
916	ALL	669442.3	4343881	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
292	ALL	669062.3	4343461	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
28	ALL	668922.3	4343341	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
250	ALL	669042.3	4343441	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
733	ALL	669282.3	4343701	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
599	ALL	669222.3	4343601	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
208	ALL	669022.3	4343421	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
677	ALL	669262.3	4343661	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
814	ALL	669362.3	4343781	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
833	ALL	669382.3	4343801	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
515	ALL	669182.3	4343561	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
557	ALL	669202.3	4343581	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
852	ALL	669402.3	4343821	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
470	ALL	669162.3	4343541	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
166	ALL	669002.3	4343401	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
425	ALL	669142.3	4343521	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
870	ALL	669422.3	4343841	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
796	ALL	669342.3	4343761	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
632	ALL	669242.3	4343621	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
381	ALL	669122.3	4343501	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
893	ALL	669442.3	4343861	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
124	ALL	668982.3	4343381	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
757	ALL	669302.3	4343721	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
337	ALL	669102.3	4343481	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
79	ALL	668962.3	4343361	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
780	ALL	669322.3	4343741	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06
293	ALL	669082.3	4343461	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06
29	ALL	668942.3	4343341	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06
710	ALL	669282.3	4343681	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
655	ALL	669262.3	4343641	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
815	ALL	669382.3	4343781	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
834	ALL	669402.3	4343801	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
251	ALL	669062.3	4343441	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
853	ALL	669422.3	4343821	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
1	ALL	668922.3	4343321	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
797	ALL	669362.3	4343761	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
209	ALL	669042.3	4343421	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
871	ALL	669442.3	4343841	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
558	ALL	669222.3	4343581	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
600	ALL	669242.3	4343601	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
516	ALL	669202.3	4343561	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
167	ALL	669022.3	4343401	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
471	ALL	669182.3	4343541	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
426	ALL	669162.3	4343521	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
678	ALL	669282.3	4343661	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
382	ALL	669142.3	4343501	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
781	ALL	669342.3	4343741	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
125	ALL	669002.3	4343381	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06

734	ALL	669302.3	4343701	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
758	ALL	669322.3	4343721	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
633	ALL	669262.3	4343621	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
338	ALL	669122.3	4343481	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
80	ALL	668982.3	4343361	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
798	ALL	669382.3	4343761	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
816	ALL	669402.3	4343781	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
294	ALL	669102.3	4343461	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
30	ALL	668962.3	4343341	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
835	ALL	669422.3	4343801	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
854	ALL	669442.3	4343821	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
252	ALL	669082.3	4343441	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
2	ALL	668942.3	4343321	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
782	ALL	669362.3	4343741	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
656	ALL	669282.3	4343641	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
559	ALL	669242.3	4343581	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
210	ALL	669062.3	4343421	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
517	ALL	669222.3	4343561	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
711	ALL	669302.3	4343681	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
168	ALL	669042.3	4343401	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
601	ALL	669262.3	4343601	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
472	ALL	669202.3	4343541	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
427	ALL	669182.3	4343521	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
126	ALL	669022.3	4343381	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
383	ALL	669162.3	4343501	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
759	ALL	669342.3	4343721	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
735	ALL	669322.3	4343701	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
783	ALL	669382.3	4343741	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
81	ALL	669002.3	4343361	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
339	ALL	669142.3	4343481	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
799	ALL	669402.3	4343761	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
679	ALL	669302.3	4343661	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
634	ALL	669282.3	4343621	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
817	ALL	669422.3	4343781	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
31	ALL	668982.3	4343341	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
295	ALL	669122.3	4343461	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
836	ALL	669442.3	4343801	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
3	ALL	668962.3	4343321	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
253	ALL	669102.3	4343441	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
211	ALL	669082.3	4343421	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
560	ALL	669262.3	4343581	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
657	ALL	669302.3	4343641	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
518	ALL	669242.3	4343561	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
760	ALL	669362.3	4343721	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
169	ALL	669062.3	4343401	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
736	ALL	669342.3	4343701	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
473	ALL	669222.3	4343541	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
127	ALL	669042.3	4343381	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
602	ALL	669282.3	4343601	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
712	ALL	669322.3	4343681	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
428	ALL	669202.3	4343521	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
784	ALL	669402.3	4343741	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
384	ALL	669182.3	4343501	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
82	ALL	669022.3	4343361	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
761	ALL	669382.3	4343721	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
800	ALL	669422.3	4343761	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
340	ALL	669162.3	4343481	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
32	ALL	669002.3	4343341	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
818	ALL	669442.3	4343781	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
296	ALL	669142.3	4343461	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
680	ALL	669322.3	4343661	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
635	ALL	669302.3	4343621	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
4	ALL	668982.3	4343321	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
254	ALL	669122.3	4343441	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
737	ALL	669362.3	4343701	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
713	ALL	669342.3	4343681	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
212	ALL	669102.3	4343421	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
519	ALL	669262.3	4343561	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
561	ALL	669282.3	4343581	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
658	ALL	669322.3	4343641	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
170	ALL	669082.3	4343401	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
474	ALL	669242.3	4343541	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
128	ALL	669062.3	4343381	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
429	ALL	669222.3	4343521	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
785	ALL	669422.3	4343741	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
603	ALL	669302.3	4343601	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
83	ALL	669042.3	4343361	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
762	ALL	669402.3	4343721	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
738	ALL	669382.3	4343701	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
385	ALL	669202.3	4343501	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
33	ALL	669022.3	4343341	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
714	ALL	669362.3	4343681	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
801	ALL	669442.3	4343761	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
681	ALL	669342.3	4343661	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
341	ALL	669182.3	4343481	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
297	ALL	669162.3	4343461	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
5	ALL	669002.3	4343321	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
636	ALL	669322.3	4343621	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06

255	ALL	669142.3	4343441	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
213	ALL	669122.3	4343421	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
520	ALL	669282.3	4343561	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
171	ALL	669102.3	4343401	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
562	ALL	669302.3	4343581	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
659	ALL	669342.3	4343641	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
475	ALL	669262.3	4343541	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
129	ALL	669082.3	4343381	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
430	ALL	669242.3	4343521	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
715	ALL	669382.3	4343681	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
84	ALL	669062.3	4343361	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
763	ALL	669422.3	4343721	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
739	ALL	669402.3	4343701	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
786	ALL	669442.3	4343741	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
682	ALL	669362.3	4343661	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
604	ALL	669322.3	4343601	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
386	ALL	669222.3	4343501	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
34	ALL	669042.3	4343341	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
342	ALL	669202.3	4343481	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
6	ALL	669022.3	4343321	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
298	ALL	669182.3	4343461	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
637	ALL	669342.3	4343621	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
256	ALL	669162.3	4343441	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
214	ALL	669142.3	4343421	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
521	ALL	669302.3	4343561	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
172	ALL	669122.3	4343401	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
476	ALL	669282.3	4343541	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
660	ALL	669362.3	4343641	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
130	ALL	669102.3	4343381	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
563	ALL	669322.3	4343581	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
431	ALL	669262.3	4343521	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
85	ALL	669082.3	4343361	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
716	ALL	669402.3	4343681	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
764	ALL	669442.3	4343721	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
740	ALL	669422.3	4343701	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
683	ALL	669382.3	4343661	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
35	ALL	669062.3	4343341	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
387	ALL	669242.3	4343501	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
605	ALL	669342.3	4343601	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
7	ALL	669042.3	4343321	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
343	ALL	669222.3	4343481	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
299	ALL	669202.3	4343461	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
257	ALL	669182.3	4343441	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
638	ALL	669362.3	4343621	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
215	ALL	669162.3	4343421	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
173	ALL	669142.3	4343401	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
522	ALL	669322.3	4343561	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
477	ALL	669302.3	4343541	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
131	ALL	669122.3	4343381	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
661	ALL	669382.3	4343641	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
564	ALL	669342.3	4343581	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
432	ALL	669282.3	4343521	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
684	ALL	669402.3	4343661	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
86	ALL	669102.3	4343361	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
741	ALL	669442.3	4343701	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
717	ALL	669422.3	4343681	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
36	ALL	669082.3	4343341	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
388	ALL	669262.3	4343501	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
8	ALL	669062.3	4343321	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
344	ALL	669242.3	4343481	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
606	ALL	669362.3	4343601	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
300	ALL	669222.3	4343461	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
258	ALL	669202.3	4343441	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
639	ALL	669382.3	4343621	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
216	ALL	669182.3	4343421	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
174	ALL	669162.3	4343401	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
662	ALL	669402.3	4343641	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
478	ALL	669322.3	4343541	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
132	ALL	669142.3	4343381	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
523	ALL	669342.3	4343561	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
685	ALL	669422.3	4343661	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
87	ALL	669122.3	4343361	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
433	ALL	669302.3	4343521	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
718	ALL	669442.3	4343681	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
565	ALL	669362.3	4343581	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
37	ALL	669102.3	4343341	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
389	ALL	669282.3	4343501	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
345	ALL	669262.3	4343481	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
9	ALL	669082.3	4343321	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
607	ALL	669382.3	4343601	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
301	ALL	669242.3	4343461	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
259	ALL	669222.3	4343441	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
640	ALL	669402.3	4343621	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
217	ALL	669202.3	4343421	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
175	ALL	669182.3	4343401	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
133	ALL	669162.3	4343381	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
663	ALL	669422.3	4343641	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
479	ALL	669342.3	4343541	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06

88	ALL	669142.3	4343361	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
686	ALL	669442.3	4343661	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
524	ALL	669362.3	4343561	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
434	ALL	669322.3	4343521	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
38	ALL	669122.3	4343341	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
566	ALL	669382.3	4343581	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
390	ALL	669302.3	4343501	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
10	ALL	669102.3	4343321	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
346	ALL	669282.3	4343481	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
302	ALL	669262.3	4343461	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
608	ALL	669402.3	4343601	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
260	ALL	669242.3	4343441	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
218	ALL	669222.3	4343421	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
641	ALL	669422.3	4343621	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
176	ALL	669202.3	4343401	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
134	ALL	669182.3	4343381	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
89	ALL	669162.3	4343361	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
664	ALL	669442.3	4343641	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
480	ALL	669362.3	4343541	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
39	ALL	669142.3	4343341	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
525	ALL	669382.3	4343561	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
435	ALL	669342.3	4343521	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
11	ALL	669122.3	4343321	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
567	ALL	669402.3	4343581	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
391	ALL	669322.3	4343501	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
347	ALL	669302.3	4343481	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
303	ALL	669282.3	4343461	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
261	ALL	669262.3	4343441	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
219	ALL	669242.3	4343421	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
609	ALL	669422.3	4343601	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
177	ALL	669222.3	4343401	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
135	ALL	669202.3	4343381	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
642	ALL	669442.3	4343621	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
90	ALL	669182.3	4343361	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
40	ALL	669162.3	4343341	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
481	ALL	669382.3	4343541	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
12	ALL	669142.3	4343321	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
436	ALL	669362.3	4343521	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
526	ALL	669402.3	4343561	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
392	ALL	669342.3	4343501	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
568	ALL	669422.3	4343581	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
220	ALL	669262.3	4343421	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
262	ALL	669282.3	4343441	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
304	ALL	669302.3	4343461	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
348	ALL	669322.3	4343481	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
178	ALL	669242.3	4343401	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
136	ALL	669222.3	4343381	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
610	ALL	669442.3	4343601	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
91	ALL	669202.3	4343361	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
41	ALL	669182.3	4343341	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
13	ALL	669162.3	4343321	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
482	ALL	669402.3	4343541	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
437	ALL	669382.3	4343521	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
527	ALL	669422.3	4343561	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
393	ALL	669362.3	4343501	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
179	ALL	669262.3	4343401	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
221	ALL	669282.3	4343421	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
137	ALL	669242.3	4343381	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
263	ALL	669302.3	4343441	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
569	ALL	669442.3	4343581	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
92	ALL	669222.3	4343361	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
305	ALL	669322.3	4343461	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
349	ALL	669342.3	4343481	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
42	ALL	669202.3	4343341	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
14	ALL	669182.3	4343321	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
483	ALL	669422.3	4343541	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
438	ALL	669402.3	4343521	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
138	ALL	669262.3	4343381	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
528	ALL	669442.3	4343561	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
180	ALL	669282.3	4343401	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
93	ALL	669242.3	4343361	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
394	ALL	669382.3	4343501	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
222	ALL	669302.3	4343421	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
264	ALL	669322.3	4343441	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
43	ALL	669222.3	4343341	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
306	ALL	669342.3	4343461	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
350	ALL	669362.3	4343481	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
15	ALL	669202.3	4343321	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
139	ALL	669282.3	4343381	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
484	ALL	669442.3	4343541	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
439	ALL	669422.3	4343521	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
181	ALL	669302.3	4343401	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
94	ALL	669262.3	4343361	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
223	ALL	669322.3	4343421	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
265	ALL	669342.3	4343441	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
395	ALL	669402.3	4343501	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
44	ALL	669242.3	4343341	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
307	ALL	669362.3	4343461	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06

351	ALL	669382.3	4343481	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
16	ALL	669222.3	4343321	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
140	ALL	669302.3	4343381	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
182	ALL	669322.3	4343401	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
95	ALL	669282.3	4343361	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
224	ALL	669342.3	4343421	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
440	ALL	669442.3	4343521	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
266	ALL	669362.3	4343441	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
45	ALL	669262.3	4343341	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
396	ALL	669422.3	4343501	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
308	ALL	669382.3	4343461	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
17	ALL	669242.3	4343321	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
352	ALL	669402.3	4343481	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
141	ALL	669322.3	4343381	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
183	ALL	669342.3	4343401	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
96	ALL	669302.3	4343361	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
225	ALL	669362.3	4343421	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
267	ALL	669382.3	4343441	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
46	ALL	669282.3	4343341	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
309	ALL	669402.3	4343461	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
397	ALL	669442.3	4343501	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
18	ALL	669262.3	4343321	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
353	ALL	669422.3	4343481	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
184	ALL	669362.3	4343401	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
142	ALL	669342.3	4343381	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
226	ALL	669382.3	4343421	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
97	ALL	669322.3	4343361	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
268	ALL	669402.3	4343441	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
47	ALL	669302.3	4343341	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
310	ALL	669422.3	4343461	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
19	ALL	669282.3	4343321	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
354	ALL	669442.3	4343481	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
185	ALL	669382.3	4343401	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
143	ALL	669362.3	4343381	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
227	ALL	669402.3	4343421	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
269	ALL	669422.3	4343441	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
98	ALL	669342.3	4343361	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
48	ALL	669322.3	4343341	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
311	ALL	669442.3	4343461	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
20	ALL	669302.3	4343321	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
186	ALL	669402.3	4343401	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
228	ALL	669422.3	4343421	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
144	ALL	669382.3	4343381	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
270	ALL	669442.3	4343441	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
99	ALL	669362.3	4343361	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
49	ALL	669342.3	4343341	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
21	ALL	669322.3	4343321	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
187	ALL	669422.3	4343401	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
229	ALL	669442.3	4343421	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
145	ALL	669402.3	4343381	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
100	ALL	669382.3	4343361	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
50	ALL	669362.3	4343341	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
22	ALL	669342.3	4343321	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
188	ALL	669442.3	4343401	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
146	ALL	669422.3	4343381	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
101	ALL	669402.3	4343361	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
51	ALL	669382.3	4343341	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
23	ALL	669362.3	4343321	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
147	ALL	669442.3	4343381	9.97E-07	30YrCancerDerived_InhSoilDermMMilk	9.97E-07
102	ALL	669422.3	4343361	9.94E-07	30YrCancerDerived_InhSoilDermMMilk	9.94E-07
52	ALL	669402.3	4343341	9.90E-07	30YrCancerDerived_InhSoilDermMMilk	9.90E-07
24	ALL	669382.3	4343321	9.85E-07	30YrCancerDerived_InhSoilDermMMilk	9.85E-07
103	ALL	669442.3	4343361	9.73E-07	30YrCancerDerived_InhSoilDermMMilk	9.73E-07
53	ALL	669422.3	4343341	9.68E-07	30YrCancerDerived_InhSoilDermMMilk	9.68E-07
25	ALL	669402.3	4343321	9.62E-07	30YrCancerDerived_InhSoilDermMMilk	9.62E-07
54	ALL	669442.3	4343341	9.47E-07	30YrCancerDerived_InhSoilDermMMilk	9.47E-07
26	ALL	669422.3	4343321	9.39E-07	30YrCancerDerived_InhSoilDermMMilk	9.39E-07
27	ALL	669442.3	4343321	9.18E-07	30YrCancerDerived_InhSoilDermMMilk	9.18E-07

*HARP - HRACalc v22118 10/12/2023 2:26:41 PM - Chronic Risk - Input File: C:\Users\imcintire\Desktop\HARP2\9478_DORSEY_CUMULATIVE-PROJECT_\hra\9478_DORSEY_CUMULATIVE-PROJECT_HRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	MAXHI
1095	ALL		668822.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-02
1060	ALL		668802.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-02
1028	ALL		668782.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-02
1679	ALL		669162.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-02
1294	ALL		668889.2	4344116	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-02
1418	ALL		668942.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-02
1131	ALL		668822.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-02
1725	ALL		669182.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-02
1094	ALL		668802.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-02
1375	ALL		668922.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-02
1548	ALL		669122.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-02
1590	ALL		669002.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-02
1059	ALL		668782.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-02
1027	ALL		668762.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-02
999	ALL		668742.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-02
1591	ALL		669142.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-02
742	ALL		668662.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-02
1505	ALL		668962.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-02
765	ALL		668682.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-02
1724	ALL		669042.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-02
787	ALL		668702.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-02
975	ALL		668722.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-02
1419	ALL		669082.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-02
1212	ALL		669002.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-02
1461	ALL		668942.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-02
1635	ALL		669162.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	9.98E-03
903	ALL		668671.5	4343883	NonCancerChronicDerived_InhSoilDermMMilk	9.80E-03
1462	ALL		669102.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	9.76E-03
1417	ALL		668922.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	9.69E-03
1254	ALL		669022.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	9.59E-03
1680	ALL		669182.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	9.42E-03
1093	ALL		668782.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	9.39E-03
1589	ALL		668982.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	9.31E-03
1506	ALL		669122.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	9.23E-03
1726	ALL		669202.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	9.14E-03
1058	ALL		668762.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	9.13E-03
1295	ALL		669042.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	9.00E-03
1547	ALL		668962.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	8.96E-03
1026	ALL		668742.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	8.79E-03
842	ALL		668602.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	8.63E-03
1504	ALL		668942.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	8.62E-03
1549	ALL		669142.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	8.60E-03
1723	ALL		669022.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	8.51E-03
1334	ALL		669062.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	8.49E-03
998	ALL		668722.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	8.35E-03
1460	ALL		668922.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	8.35E-03
802	ALL		668562.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	8.32E-03
743	ALL		668682.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.29E-03
1678	ALL		669002.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	8.27E-03
1376	ALL		669082.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	8.20E-03
766	ALL		668702.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.19E-03
1592	ALL		669162.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	8.13E-03
788	ALL		668722.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	8.13E-03
1634	ALL		668982.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	8.05E-03
1130	ALL		668782.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	8.04E-03
1420	ALL		669102.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	7.85E-03
1213	ALL		669022.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	7.82E-03
1092	ALL		668762.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	7.81E-03
1636	ALL		669182.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	7.68E-03
1463	ALL		669122.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	7.60E-03
1057	ALL		668742.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	7.57E-03
1546	ALL		668942.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	7.56E-03
952	ALL		668682.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	7.48E-03
1681	ALL		669202.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	7.47E-03
1255	ALL		669042.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	7.42E-03
1727	ALL		669222.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	7.39E-03
1503	ALL		668922.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	7.33E-03
1025	ALL		668722.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	7.22E-03
1722	ALL		669002.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	7.20E-03
1211	ALL		668802.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	7.19E-03
1507	ALL		669142.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	7.16E-03
1677	ALL		668982.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	7.05E-03
1170	ALL		668782.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	7.05E-03
841	ALL		668582.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-03
821	ALL		668562.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	6.94E-03
1296	ALL		669062.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	6.93E-03
719	ALL		668682.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.93E-03
1633	ALL		668962.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	6.88E-03
1129	ALL		668762.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	6.86E-03
744	ALL		668702.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.84E-03
1550	ALL		669162.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	6.84E-03
767	ALL		668722.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	6.77E-03
1335	ALL		669082.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	6.69E-03
860	ALL		668822.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	6.69E-03
1091	ALL		668742.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	6.68E-03
879	ALL		668842.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	6.64E-03
1333	ALL		668842.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	6.63E-03
1171	ALL		669022.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	6.60E-03
1593	ALL		669182.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	6.53E-03

974	ALL	668682.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	6.47E-03
1056	ALL	668722.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	6.46E-03
1253	ALL	668802.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	6.40E-03
1377	ALL	669102.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	6.39E-03
1210	ALL	668782.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	6.29E-03
1637	ALL	669202.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	6.26E-03
1721	ALL	668982.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	6.25E-03
1214	ALL	669042.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	6.23E-03
1421	ALL	669122.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	6.22E-03
1728	ALL	669242.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	6.21E-03
1682	ALL	669222.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	6.18E-03
1169	ALL	668762.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-03
1676	ALL	668962.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	6.14E-03
951	ALL	668662.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	6.10E-03
1416	ALL	668862.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	6.10E-03
441	ALL	668542.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.08E-03
1464	ALL	669142.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	6.08E-03
1632	ALL	668942.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	6.03E-03
485	ALL	668562.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.02E-03
1374	ALL	668842.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	5.98E-03
1128	ALL	668742.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	5.98E-03
720	ALL	668702.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	5.91E-03
840	ALL	668562.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	5.85E-03
1090	ALL	668722.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	5.83E-03
1508	ALL	669162.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	5.83E-03
745	ALL	668722.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	5.83E-03
1256	ALL	669062.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	5.82E-03
820	ALL	668542.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	5.81E-03
904	ALL	668882.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	5.76E-03
843	ALL	668822.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	5.76E-03
926	ALL	668902.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	5.76E-03
880	ALL	668862.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	5.73E-03
1252	ALL	668782.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	5.68E-03
1502	ALL	668882.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	5.66E-03
1551	ALL	669182.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	5.64E-03
1209	ALL	668762.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	5.58E-03
1055	ALL	668702.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	5.58E-03
1459	ALL	668862.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	5.53E-03
1720	ALL	668962.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	5.53E-03
1297	ALL	669082.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	5.52E-03
973	ALL	668662.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	5.50E-03
1168	ALL	668742.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	5.46E-03
1675	ALL	668942.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	5.45E-03
1415	ALL	668842.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	5.44E-03
1594	ALL	669202.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	5.43E-03
1172	ALL	669042.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	5.39E-03
1336	ALL	669102.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	5.37E-03
1631	ALL	668922.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	5.36E-03
1729	ALL	669262.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	5.35E-03
1373	ALL	668822.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	5.34E-03
1683	ALL	669242.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-03
1127	ALL	668722.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-03
1638	ALL	669222.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	5.25E-03
398	ALL	668542.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.25E-03
1588	ALL	668902.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	5.25E-03
442	ALL	668562.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.20E-03
1378	ALL	669122.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	5.18E-03
1089	ALL	668702.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	5.17E-03
1293	ALL	668782.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	5.17E-03
1545	ALL	668882.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	5.16E-03
486	ALL	668582.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.16E-03
721	ALL	668722.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	5.13E-03
1422	ALL	669142.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	5.13E-03
997	ALL	668662.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	5.10E-03
1251	ALL	668762.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	5.09E-03
905	ALL	668902.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	5.09E-03
746	ALL	668742.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	5.09E-03
859	ALL	668562.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	5.08E-03
902	ALL	668602.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	5.07E-03
1501	ALL	668862.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	5.07E-03
927	ALL	668922.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-03
839	ALL	668542.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-03
844	ALL	668842.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-03
1465	ALL	669162.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	5.03E-03
1215	ALL	669062.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	5.03E-03
861	ALL	668862.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	5.03E-03
1208	ALL	668742.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	5.01E-03
1054	ALL	668682.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	4.99E-03
1458	ALL	668842.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	4.98E-03
1719	ALL	668942.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-03
976	ALL	668962.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	4.94E-03
1414	ALL	668822.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.89E-03
1167	ALL	668722.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.89E-03
1509	ALL	669182.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	4.89E-03
1674	ALL	668922.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.89E-03
1630	ALL	668902.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.82E-03
1372	ALL	668802.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.81E-03
972	ALL	668642.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	4.81E-03
1126	ALL	668702.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	4.77E-03
1132	ALL	669042.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	4.76E-03
1552	ALL	669202.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	4.74E-03

1587	ALL	668882.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	4.74E-03
1730	ALL	669282.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.71E-03
1684	ALL	669262.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.68E-03
1088	ALL	668682.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	4.68E-03
1292	ALL	668762.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	4.67E-03
1544	ALL	668862.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	4.66E-03
1595	ALL	669222.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	4.65E-03
1257	ALL	669082.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	4.64E-03
901	ALL	668582.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-03
1250	ALL	668742.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	4.61E-03
355	ALL	668542.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	4.60E-03
687	ALL	668722.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	4.58E-03
399	ALL	668562.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	4.58E-03
1500	ALL	668842.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	4.58E-03
1639	ALL	669242.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.58E-03
312	ALL	668522.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	4.58E-03
996	ALL	668642.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	4.58E-03
878	ALL	668562.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	4.57E-03
570	ALL	668642.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	4.57E-03
443	ALL	668582.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	4.55E-03
1298	ALL	669102.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	4.55E-03
722	ALL	668742.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	4.55E-03
1207	ALL	668722.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	4.54E-03
925	ALL	668602.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	4.54E-03
881	ALL	668902.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	4.53E-03
487	ALL	668602.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	4.53E-03
822	ALL	668842.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	4.52E-03
747	ALL	668762.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	4.52E-03
906	ALL	668922.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	4.52E-03
858	ALL	668542.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	4.51E-03
1457	ALL	668822.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	4.51E-03
862	ALL	668882.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	4.49E-03
1173	ALL	669062.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.49E-03
928	ALL	668942.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	4.48E-03
838	ALL	668522.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	4.48E-03
1718	ALL	668922.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.48E-03
1337	ALL	669122.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	4.44E-03
1166	ALL	668702.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.44E-03
1413	ALL	668802.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.44E-03
1024	ALL	668642.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	4.44E-03
1673	ALL	668902.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.43E-03
953	ALL	668962.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	4.42E-03
1629	ALL	668882.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.38E-03
1371	ALL	668782.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.38E-03
1423	ALL	669162.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.37E-03
1379	ALL	669142.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.36E-03
1125	ALL	668682.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	4.36E-03
977	ALL	668982.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	4.34E-03
1586	ALL	668862.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	4.31E-03
1332	ALL	668762.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	4.30E-03
1466	ALL	669182.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	4.29E-03
1087	ALL	668662.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	4.28E-03
924	ALL	668582.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	4.26E-03
1291	ALL	668742.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	4.25E-03
1543	ALL	668842.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	4.24E-03
950	ALL	668602.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	4.24E-03
900	ALL	668562.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	4.23E-03
1000	ALL	669002.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	4.22E-03
1731	ALL	669302.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.20E-03
1685	ALL	669282.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.20E-03
1249	ALL	668722.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	4.20E-03
1053	ALL	668642.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	4.19E-03
1499	ALL	668822.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	4.18E-03
1216	ALL	669082.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	4.16E-03
1510	ALL	669202.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	4.15E-03
1640	ALL	669262.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.15E-03
1206	ALL	668702.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	4.14E-03
877	ALL	668542.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	4.14E-03
1456	ALL	668802.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	4.11E-03
1553	ALL	669222.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	4.11E-03
571	ALL	668662.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	4.11E-03
688	ALL	668742.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	4.11E-03
1596	ALL	669242.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	4.10E-03
857	ALL	668522.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	4.09E-03
529	ALL	668642.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	4.09E-03
1023	ALL	668622.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	4.09E-03
1717	ALL	668902.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.08E-03
356	ALL	668562.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	4.08E-03
723	ALL	668762.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	4.08E-03
1133	ALL	669062.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	4.07E-03
882	ALL	668922.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	4.07E-03
313	ALL	668542.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	4.07E-03
1165	ALL	668682.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.06E-03
1412	ALL	668782.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.05E-03
1672	ALL	668882.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.04E-03
845	ALL	668882.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	4.04E-03
949	ALL	668582.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	4.01E-03
1628	ALL	668862.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.00E-03
1370	ALL	668762.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.00E-03
929	ALL	668962.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.99E-03
1124	ALL	668662.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.99E-03

923	ALL	668562.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.96E-03
1585	ALL	668842.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.95E-03
1258	ALL	669102.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.94E-03
1331	ALL	668742.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.93E-03
954	ALL	668982.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.93E-03
1086	ALL	668642.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.91E-03
1542	ALL	668822.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.89E-03
1290	ALL	668722.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.89E-03
899	ALL	668542.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.88E-03
1299	ALL	669122.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.86E-03
1174	ALL	669082.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.86E-03
978	ALL	669002.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	3.85E-03
1248	ALL	668702.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.85E-03
1498	ALL	668802.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.84E-03
1052	ALL	668622.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	3.83E-03
1424	ALL	669182.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.81E-03
1686	ALL	669302.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.81E-03
1380	ALL	669162.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.81E-03
1338	ALL	669142.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.81E-03
876	ALL	668522.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.80E-03
1205	ALL	668682.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.80E-03
1641	ALL	669282.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.78E-03
1455	ALL	668782.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.78E-03
1732	ALL	669322.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.77E-03
1716	ALL	668882.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.75E-03
1467	ALL	669202.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.75E-03
948	ALL	668562.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.73E-03
856	ALL	668502.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.73E-03
1164	ALL	668662.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.73E-03
572	ALL	668682.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	3.73E-03
1411	ALL	668762.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.72E-03
1671	ALL	668862.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.72E-03
689	ALL	668762.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	3.72E-03
1597	ALL	669262.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.71E-03
530	ALL	668662.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	3.71E-03
803	ALL	668862.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	3.71E-03
724	ALL	668782.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	3.70E-03
846	ALL	668902.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	3.69E-03
488	ALL	668642.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	3.69E-03
1627	ALL	668842.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.68E-03
1369	ALL	668742.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.68E-03
1554	ALL	669242.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.67E-03
922	ALL	668542.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.66E-03
1123	ALL	668642.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.64E-03
1584	ALL	668822.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.63E-03
1511	ALL	669222.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.63E-03
1134	ALL	669082.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.63E-03
1330	ALL	668722.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.62E-03
898	ALL	668522.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.59E-03
1541	ALL	668802.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.59E-03
1217	ALL	669102.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.58E-03
1289	ALL	668702.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.58E-03
930	ALL	668982.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.58E-03
1085	ALL	668622.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.57E-03
1247	ALL	668682.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.54E-03
1497	ALL	668782.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.54E-03
955	ALL	669002.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.52E-03
875	ALL	668502.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.51E-03
1051	ALL	668602.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	3.50E-03
1204	ALL	668662.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.49E-03
1687	ALL	669322.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.48E-03
1454	ALL	668762.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.48E-03
1642	ALL	669302.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.47E-03
1715	ALL	668862.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.47E-03
947	ALL	668542.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.45E-03
1670	ALL	668842.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.45E-03
1410	ALL	668742.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.44E-03
1598	ALL	669282.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.43E-03
1163	ALL	668642.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.42E-03
1259	ALL	669122.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.42E-03
1733	ALL	669342.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-03
573	ALL	668702.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-03
1425	ALL	669202.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-03
1381	ALL	669182.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.40E-03
531	ALL	668682.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	3.40E-03
1626	ALL	668822.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.40E-03
789	ALL	668862.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	3.40E-03
690	ALL	668782.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	3.39E-03
1368	ALL	668722.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.39E-03
921	ALL	668522.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.39E-03
725	ALL	668802.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	3.39E-03
823	ALL	668902.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	3.38E-03
489	ALL	668662.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	3.38E-03
1555	ALL	669262.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.37E-03
1175	ALL	669102.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.37E-03
1339	ALL	669162.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.37E-03
1583	ALL	668802.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.36E-03
1300	ALL	669142.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.35E-03
1122	ALL	668622.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.34E-03
1329	ALL	668702.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.34E-03
444	ALL	668642.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-03

897	ALL	668502.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-03
1540	ALL	668782.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.32E-03
1468	ALL	669222.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.32E-03
1288	ALL	668682.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.31E-03
1512	ALL	669242.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.29E-03
1084	ALL	668602.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.28E-03
1246	ALL	668662.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.27E-03
1496	ALL	668762.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.27E-03
971	ALL	668542.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	3.27E-03
874	ALL	668482.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.27E-03
819	ALL	668442.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	3.27E-03
1714	ALL	668842.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-03
1203	ALL	668642.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-03
1453	ALL	668742.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.22E-03
1050	ALL	668582.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	3.22E-03
1135	ALL	669102.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.21E-03
1643	ALL	669322.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.21E-03
946	ALL	668522.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-03
1669	ALL	668822.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.19E-03
1409	ALL	668722.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.18E-03
1599	ALL	669302.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.18E-03
1688	ALL	669342.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.18E-03
1218	ALL	669122.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.16E-03
920	ALL	668502.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.16E-03
1162	ALL	668622.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.15E-03
1625	ALL	668802.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.15E-03
1556	ALL	669282.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.15E-03
574	ALL	668722.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	3.14E-03
790	ALL	668882.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	3.14E-03
532	ALL	668702.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-03
1367	ALL	668702.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-03
824	ALL	668922.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-03
691	ALL	668802.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-03
1582	ALL	668782.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.12E-03
490	ALL	668682.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	3.12E-03
896	ALL	668482.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.12E-03
1734	ALL	669362.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.11E-03
1382	ALL	669202.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.09E-03
995	ALL	668542.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	3.09E-03
1328	ALL	668682.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.09E-03
1513	ALL	669262.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.09E-03
1539	ALL	668762.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.09E-03
1121	ALL	668602.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.09E-03
445	ALL	668662.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	3.08E-03
837	ALL	668442.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	3.08E-03
1426	ALL	669222.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.07E-03
1287	ALL	668662.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.07E-03
400	ALL	668642.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	3.05E-03
1495	ALL	668742.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-03
1245	ALL	668642.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-03
1469	ALL	669242.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.03E-03
1340	ALL	669182.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.03E-03
970	ALL	668522.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	3.03E-03
1001	ALL	669062.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	3.03E-03
873	ALL	668462.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-03
1083	ALL	668582.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-03
1713	ALL	668822.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.01E-03
1260	ALL	669142.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.01E-03
1176	ALL	669122.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.00E-03
1301	ALL	669162.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.00E-03
1452	ALL	668722.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.00E-03
945	ALL	668502.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.99E-03
1202	ALL	668622.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.98E-03
1668	ALL	668802.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.98E-03
1644	ALL	669342.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-03
919	ALL	668482.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-03
1049	ALL	668562.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-03
1408	ALL	668702.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.96E-03
1600	ALL	669322.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.96E-03
1624	ALL	668782.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.94E-03
1557	ALL	669302.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.94E-03
855	ALL	668442.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
1022	ALL	668542.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
1514	ALL	669282.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
1581	ALL	668762.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
1161	ALL	668602.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.91E-03
768	ALL	668882.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	2.91E-03
1689	ALL	669362.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.91E-03
692	ALL	668822.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.91E-03
1366	ALL	668682.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.91E-03
895	ALL	668462.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.90E-03
575	ALL	668742.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.90E-03
533	ALL	668722.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.90E-03
491	ALL	668702.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.89E-03
1136	ALL	669122.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.89E-03
1538	ALL	668742.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.88E-03
1327	ALL	668662.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.88E-03
446	ALL	668682.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-03
994	ALL	668522.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-03
55	ALL	668482.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	2.86E-03
1470	ALL	669262.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.85E-03

1286	ALL	668642.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.85E-03
1494	ALL	668722.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.85E-03
1120	ALL	668582.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.85E-03
1219	ALL	669142.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-03
1735	ALL	669382.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-03
1383	ALL	669222.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-03
401	ALL	668662.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-03
969	ALL	668502.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-03
1427	ALL	669242.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-03
944	ALL	668482.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-03
357	ALL	668642.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.82E-03
1244	ALL	668622.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.82E-03
1712	ALL	668802.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-03
872	ALL	668442.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-03
1096	ALL	669122.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-03
1451	ALL	668702.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.80E-03
1002	ALL	669082.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.80E-03
1082	ALL	668562.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.80E-03
918	ALL	668462.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.79E-03
1667	ALL	668782.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.79E-03
1601	ALL	669342.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-03
1407	ALL	668682.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
1048	ALL	668542.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
1201	ALL	668602.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
1623	ALL	668762.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
1558	ALL	669322.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-03
1341	ALL	669202.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.74E-03
1515	ALL	669302.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.74E-03
1645	ALL	669362.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.74E-03
1177	ALL	669142.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-03
1580	ALL	668742.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-03
693	ALL	668842.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.72E-03
1471	ALL	669282.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.72E-03
665	ALL	668822.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	2.72E-03
1021	ALL	668522.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.72E-03
1261	ALL	669162.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-03
1302	ALL	669182.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-03
894	ALL	668442.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-03
1365	ALL	668662.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-03
576	ALL	668762.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-03
1537	ALL	668722.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-03
534	ALL	668742.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-03
1160	ALL	668582.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03
492	ALL	668722.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03
993	ALL	668502.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03
968	ALL	668482.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.68E-03
1326	ALL	668642.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.68E-03
104	ALL	668522.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	2.68E-03
1690	ALL	669382.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.68E-03
447	ALL	668702.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.68E-03
943	ALL	668462.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.67E-03
1493	ALL	668702.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-03
1428	ALL	669262.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-03
1119	ALL	668562.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.65E-03
1285	ALL	668622.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.65E-03
402	ALL	668682.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.65E-03
1137	ALL	669142.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.65E-03
1711	ALL	668782.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.64E-03
1384	ALL	669242.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.64E-03
56	ALL	668502.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-03
358	ALL	668662.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-03
1450	ALL	668682.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-03
1081	ALL	668542.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-03
1243	ALL	668602.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-03
314	ALL	668642.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-03
917	ALL	668442.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-03
1666	ALL	668762.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-03
1736	ALL	669402.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-03
1097	ALL	669142.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.60E-03
1220	ALL	669162.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
1622	ALL	668742.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
1559	ALL	669342.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
1047	ALL	668522.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
1602	ALL	669362.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-03
1406	ALL	668662.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-03
1472	ALL	669302.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-03
1516	ALL	669322.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-03
1579	ALL	668722.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.56E-03
1200	ALL	668582.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.56E-03
1020	ALL	668502.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.56E-03
666	ALL	668842.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
992	ALL	668482.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
643	ALL	668822.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
694	ALL	668862.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
967	ALL	668462.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-03
1429	ALL	669282.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-03
1342	ALL	669222.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-03
577	ALL	668782.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-03
1536	ALL	668702.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-03
1646	ALL	669382.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-03
535	ALL	668762.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03

1364	ALL	668642.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
1159	ALL	668562.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
942	ALL	668442.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-03
493	ALL	668742.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-03
448	ALL	668722.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-03
791	ALL	668942.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-03
1492	ALL	668682.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-03
1178	ALL	669162.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-03
1325	ALL	668622.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-03
1118	ALL	668542.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-03
1385	ALL	669262.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.49E-03
403	ALL	668702.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.49E-03
1710	ALL	668762.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-03
105	ALL	668542.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-03
931	ALL	669062.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-03
1080	ALL	668522.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-03
1691	ALL	669402.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-03
1284	ALL	668602.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-03
1262	ALL	669182.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-03
1303	ALL	669202.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-03
1449	ALL	668662.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-03
359	ALL	668682.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-03
1665	ALL	668742.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-03
315	ALL	668662.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-03
1046	ALL	668502.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-03
1560	ALL	669362.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-03
57	ALL	668522.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-03
1621	ALL	668722.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-03
1138	ALL	669162.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-03
1019	ALL	668482.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-03
1242	ALL	668582.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-03
1517	ALL	669342.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-03
271	ALL	668642.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-03
991	ALL	668462.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-03
1473	ALL	669322.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-03
1430	ALL	669302.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-03
1578	ALL	668702.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-03
1098	ALL	669162.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-03
966	ALL	668442.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
1737	ALL	669422.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
1405	ALL	668642.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
644	ALL	668842.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
1343	ALL	669242.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
667	ALL	668862.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
611	ALL	668822.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
1199	ALL	668562.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
1603	ALL	669382.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
578	ALL	668802.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-03
695	ALL	668882.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-03
1535	ALL	668682.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
536	ALL	668782.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
1158	ALL	668542.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
1386	ALL	669282.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-03
494	ALL	668762.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-03
1117	ALL	668522.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-03
1363	ALL	668622.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-03
1221	ALL	669182.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-03
1491	ALL	668662.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-03
449	ALL	668742.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-03
1647	ALL	669402.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-03
1079	ALL	668502.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-03
1709	ALL	668742.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-03
404	ALL	668722.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-03
1324	ALL	668602.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
1045	ALL	668482.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
1344	ALL	669262.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
932	ALL	669082.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
1061	ALL	669162.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
1664	ALL	668722.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
825	ALL	668982.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
360	ALL	668702.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
1018	ALL	668462.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
1283	ALL	668582.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
316	ALL	668682.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
1448	ALL	668642.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
990	ALL	668442.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
1518	ALL	669362.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
1304	ALL	669222.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
1620	ALL	668702.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-03
1474	ALL	669342.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-03
1241	ALL	668562.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-03
1692	ALL	669422.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-03
1179	ALL	669182.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
272	ALL	668662.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
1431	ALL	669322.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
1561	ALL	669382.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
58	ALL	668542.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03
1577	ALL	668682.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03
1198	ALL	668542.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03
612	ALL	668842.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-03
804	ALL	668982.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-03

579	ALL	668822.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-03
645	ALL	668862.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-03
230	ALL	668642.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-03
1387	ALL	669302.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-03
537	ALL	668802.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-03
1263	ALL	669202.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1157	ALL	668522.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
668	ALL	668882.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1404	ALL	668622.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1534	ALL	668662.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-03
1116	ALL	668502.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-03
495	ALL	668782.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-03
1078	ALL	668482.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-03
1139	ALL	669182.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-03
1362	ALL	668602.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
1604	ALL	669402.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
1738	ALL	669442.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
1044	ALL	668462.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
450	ALL	668762.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
1099	ALL	669182.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
1345	ALL	669282.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
1708	ALL	668722.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
1490	ALL	668642.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
1323	ALL	668582.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
405	ALL	668742.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
1017	ALL	668442.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-03
1663	ALL	668702.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-03
361	ALL	668722.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-03
1305	ALL	669242.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-03
1282	ALL	668562.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-03
317	ALL	668702.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-03
1648	ALL	669422.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-03
1240	ALL	668542.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1519	ALL	669382.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1475	ALL	669362.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1619	ALL	668682.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
273	ALL	668682.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
1447	ALL	668622.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
1432	ALL	669342.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
1197	ALL	668522.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
1062	ALL	669182.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
1576	ALL	668662.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
1156	ALL	668502.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
580	ALL	668842.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
1306	ALL	669262.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
538	ALL	668822.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
613	ALL	668862.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
1115	ALL	668482.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
1403	ALL	668602.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
1222	ALL	669202.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
231	ALL	668662.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
496	ALL	668802.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
1388	ALL	669322.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
59	ALL	668562.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
646	ALL	668882.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
1562	ALL	669402.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
1077	ALL	668462.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
669	ALL	668902.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
1693	ALL	669442.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
1533	ALL	668642.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
1361	ALL	668582.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
1043	ALL	668442.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-03
189	ALL	668642.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-03
1264	ALL	669222.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
451	ALL	668782.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1346	ALL	669302.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1322	ALL	668562.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1707	ALL	668702.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
805	ALL	669002.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-03
406	ALL	668762.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-03
1489	ALL	668622.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
1605	ALL	669422.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
1281	ALL	668542.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
362	ALL	668742.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
1662	ALL	668682.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
1180	ALL	669202.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
1029	ALL	669182.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
769	ALL	668982.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
318	ALL	668722.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
1239	ALL	668522.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-03
274	ALL	668702.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1618	ALL	668662.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1196	ALL	668502.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1476	ALL	669382.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1433	ALL	669362.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1307	ALL	669282.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1446	ALL	668602.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1155	ALL	668482.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1140	ALL	669202.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1649	ALL	669442.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
1114	ALL	668462.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03

232	ALL	668682.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
1520	ALL	669402.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
1575	ALL	668642.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
1402	ALL	668582.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
1389	ALL	669342.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
497	ALL	668822.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
539	ALL	668842.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
1076	ALL	668442.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
1100	ALL	669202.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
614	ALL	668882.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
581	ALL	668862.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
1360	ALL	668562.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
647	ALL	668902.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
452	ALL	668802.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
60	ALL	668582.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
1265	ALL	669242.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
1532	ALL	668622.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
190	ALL	668662.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
670	ALL	668922.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
1321	ALL	668542.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
1347	ALL	669322.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
1563	ALL	669422.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
1706	ALL	668682.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
1003	ALL	669182.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
407	ALL	668782.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
1280	ALL	668522.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
1223	ALL	669222.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
883	ALL	669082.7	4343856	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
726	ALL	668962.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
148	ALL	668642.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
363	ALL	668762.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
748	ALL	668982.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
1488	ALL	668602.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
1063	ALL	669202.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
1661	ALL	668662.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
1238	ALL	668502.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
1195	ALL	668482.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
319	ALL	668742.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
770	ALL	669002.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
1266	ALL	669262.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
275	ALL	668722.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
1606	ALL	669442.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
1154	ALL	668462.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
1617	ALL	668642.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
1445	ALL	668582.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
1308	ALL	669302.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
1113	ALL	668442.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
1434	ALL	669382.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
106	ALL	668622.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
233	ALL	668702.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
806	ALL	669022.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
1401	ALL	668562.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
1390	ALL	669362.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1574	ALL	668622.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1477	ALL	669402.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1181	ALL	669222.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
453	ALL	668822.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
1359	ALL	668542.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
498	ALL	668842.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
1030	ALL	669202.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
191	ALL	668682.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
1521	ALL	669422.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1320	ALL	668522.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
61	ALL	668602.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
615	ALL	668902.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1531	ALL	668602.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
408	ALL	668802.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
540	ALL	668862.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
648	ALL	668922.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
582	ALL	668882.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
1141	ALL	669222.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
1279	ALL	668502.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
1705	ALL	668662.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
1237	ALL	668482.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
696	ALL	668962.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
1267	ALL	669282.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
149	ALL	668662.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
727	ALL	668982.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
1348	ALL	669342.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
364	ALL	668782.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
749	ALL	669002.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
1194	ALL	668462.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
1487	ALL	668582.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
1660	ALL	668642.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1224	ALL	669242.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1101	ALL	669222.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1564	ALL	669442.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1153	ALL	668442.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
320	ALL	668762.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
1444	ALL	668562.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
1616	ALL	668622.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03

276	ALL	668742.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1004	ALL	669202.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1309	ALL	669322.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
107	ALL	668642.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
234	ALL	668722.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1400	ALL	668542.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1391	ALL	669382.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1573	ALL	668602.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1358	ALL	668522.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1435	ALL	669402.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
1064	ALL	669222.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
454	ALL	668842.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
192	ALL	668702.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
1319	ALL	668502.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
409	ALL	668822.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
1478	ALL	669422.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
1278	ALL	668482.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
1530	ALL	668582.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1225	ALL	669262.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
62	ALL	668622.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1182	ALL	669242.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1236	ALL	668462.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
616	ALL	668922.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
499	ALL	668862.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1704	ALL	668642.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
365	ALL	668802.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
583	ALL	668902.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1268	ALL	669302.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
150	ALL	668682.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1193	ALL	668442.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
697	ALL	668982.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1522	ALL	669442.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
541	ALL	668882.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1486	ALL	668562.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1349	ALL	669362.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1659	ALL	668622.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1031	ALL	669222.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
321	ALL	668782.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1443	ALL	668542.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1142	ALL	669242.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
108	ALL	668662.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
1615	ALL	668602.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
1399	ALL	668522.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
771	ALL	669042.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
277	ALL	668762.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1357	ALL	668502.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
235	ALL	668742.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1318	ALL	668482.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1226	ALL	669282.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1572	ALL	668582.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
193	ALL	668722.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1392	ALL	669402.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1102	ALL	669242.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
410	ALL	668842.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1277	ALL	668462.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1310	ALL	669342.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
826	ALL	669062.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1436	ALL	669422.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
455	ALL	668862.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
907	ALL	669182.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
1235	ALL	668442.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
1529	ALL	668562.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
366	ALL	668822.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
807	ALL	669062.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
63	ALL	668642.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1005	ALL	669222.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
151	ALL	668702.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1183	ALL	669262.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1350	ALL	669382.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1479	ALL	669442.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
617	ALL	668942.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1703	ALL	668622.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
584	ALL	668922.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
698	ALL	669002.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1269	ALL	669322.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1485	ALL	668542.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
542	ALL	668902.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1065	ALL	669242.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
322	ALL	668802.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
750	ALL	669042.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
500	ALL	668882.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1658	ALL	668602.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1442	ALL	668522.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1398	ALL	668502.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
109	ALL	668682.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
1227	ALL	669302.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
1356	ALL	668482.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
1614	ALL	668582.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
278	ALL	668782.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
772	ALL	669062.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
1317	ALL	668462.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03

236	ALL	668762.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1184	ALL	669282.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1571	ALL	668562.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1276	ALL	668442.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
411	ALL	668862.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
194	ALL	668742.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1032	ALL	669242.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1393	ALL	669422.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1143	ALL	669262.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1311	ALL	669362.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
367	ALL	668842.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1528	ALL	668542.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
1351	ALL	669402.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
1437	ALL	669442.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
618	ALL	668962.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
152	ALL	668722.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
64	ALL	668662.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
456	ALL	668882.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
585	ALL	668942.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
908	ALL	669202.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
699	ALL	669022.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
323	ALL	668822.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
1103	ALL	669262.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
1702	ALL	668602.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
543	ALL	668922.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
1484	ALL	668522.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
728	ALL	669042.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
751	ALL	669062.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
501	ALL	668902.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1441	ALL	668502.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1185	ALL	669302.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1657	ALL	668582.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1397	ALL	668482.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1228	ALL	669322.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1312	ALL	669382.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1144	ALL	669282.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1355	ALL	668462.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
279	ALL	668802.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
110	ALL	668702.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1270	ALL	669342.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1613	ALL	668562.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1316	ALL	668442.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1006	ALL	669242.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
773	ALL	669082.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
237	ALL	668782.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
1066	ALL	669262.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
1570	ALL	668542.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
884	ALL	669202.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
368	ALL	668862.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
412	ALL	668882.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
195	ALL	668762.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1145	ALL	669302.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
619	ALL	668982.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1186	ALL	669322.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
586	ALL	668962.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1394	ALL	669442.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1527	ALL	668522.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1352	ALL	669422.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
544	ALL	668942.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
324	ALL	668842.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
65	ALL	668682.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
457	ALL	668902.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
153	ALL	668742.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1104	ALL	669282.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1483	ALL	668502.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
502	ALL	668922.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
729	ALL	669062.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1313	ALL	669402.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
1701	ALL	668582.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
1440	ALL	668482.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
979	ALL	669242.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
752	ALL	669082.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
1396	ALL	668462.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
1229	ALL	669342.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
1271	ALL	669362.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
280	ALL	668822.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1656	ALL	668562.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1354	ALL	668442.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
111	ALL	668722.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1033	ALL	669262.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
827	ALL	669162.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1146	ALL	669322.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1612	ALL	668542.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
1187	ALL	669342.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
1272	ALL	669382.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
238	ALL	668802.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1569	ALL	668522.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
587	ALL	668982.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
369	ALL	668882.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
545	ALL	668962.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
620	ALL	669002.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03

196	ALL	668782.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
413	ALL	668902.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1526	ALL	668502.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1067	ALL	669282.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1105	ALL	669302.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
503	ALL	668942.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
458	ALL	668922.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1147	ALL	669342.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1230	ALL	669362.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
325	ALL	668862.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
66	ALL	668702.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1353	ALL	669442.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1314	ALL	669422.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1482	ALL	668482.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
700	ALL	669062.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1439	ALL	668462.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
730	ALL	669082.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
154	ALL	668762.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1007	ALL	669262.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1188	ALL	669362.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
885	ALL	669222.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1395	ALL	668442.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1700	ALL	668562.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
281	ALL	668842.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
828	ALL	669182.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1273	ALL	669402.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1655	ALL	668542.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1231	ALL	669382.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
792	ALL	669142.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
112	ALL	668742.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
239	ALL	668822.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1148	ALL	669362.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1611	ALL	668522.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1106	ALL	669322.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1568	ALL	668502.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1189	ALL	669382.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
546	ALL	668982.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
504	ALL	668962.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
588	ALL	669002.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
67	ALL	668722.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1034	ALL	669282.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
459	ALL	668942.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
197	ALL	668802.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
414	ALL	668922.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
621	ALL	669022.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
370	ALL	668902.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1525	ALL	668482.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
980	ALL	669262.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
326	ALL	668882.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1315	ALL	669442.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1481	ALL	668462.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
863	ALL	669222.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1274	ALL	669422.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1232	ALL	669402.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1438	ALL	668442.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1068	ALL	669302.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
701	ALL	669082.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
155	ALL	668782.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
282	ALL	668862.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1149	ALL	669382.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1107	ALL	669342.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1699	ALL	668542.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1654	ALL	668522.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1190	ALL	669402.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
113	ALL	668762.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
240	ALL	668842.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1610	ALL	668502.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
956	ALL	669262.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1567	ALL	668482.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
547	ALL	669002.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
505	ALL	668982.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
1008	ALL	669282.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
460	ALL	668962.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
589	ALL	669022.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
1233	ALL	669422.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
68	ALL	668742.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
198	ALL	668822.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
415	ALL	668942.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1108	ALL	669362.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1275	ALL	669442.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1524	ALL	668462.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
622	ALL	669042.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
371	ALL	668922.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1480	ALL	668442.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
327	ALL	668902.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1150	ALL	669402.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
1069	ALL	669322.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
156	ALL	668802.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
283	ALL	668882.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
774	ALL	669162.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
1035	ALL	669302.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03

1698	ALL	668522.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
808	ALL	669202.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1191	ALL	669422.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1653	ALL	668502.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
1109	ALL	669382.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
241	ALL	668862.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
114	ALL	668782.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
1609	ALL	668482.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
981	ALL	669282.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1234	ALL	669442.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1566	ALL	668462.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
548	ALL	669022.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
506	ALL	669002.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
590	ALL	669042.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
199	ALL	668842.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
461	ALL	668982.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1070	ALL	669342.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1523	ALL	668442.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
69	ALL	668762.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
416	ALL	668962.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
623	ALL	669062.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
372	ALL	668942.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
328	ALL	668922.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
1151	ALL	669422.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
157	ALL	668822.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
1110	ALL	669402.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
753	ALL	669162.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
284	ALL	668902.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
702	ALL	669122.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
775	ALL	669182.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1009	ALL	669302.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
957	ALL	669282.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1697	ALL	668502.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1071	ALL	669362.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1652	ALL	668482.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
242	ALL	668882.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
809	ALL	669222.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1192	ALL	669442.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
115	ALL	668802.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1608	ALL	668462.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1036	ALL	669322.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
1565	ALL	668442.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
933	ALL	669282.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
200	ALL	668862.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
549	ALL	669042.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
507	ALL	669022.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
591	ALL	669062.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
462	ALL	669002.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
70	ALL	668782.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
624	ALL	669082.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
417	ALL	668982.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
373	ALL	668962.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1072	ALL	669382.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
329	ALL	668942.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
982	ALL	669302.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
158	ALL	668842.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1111	ALL	669422.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
703	ALL	669142.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
285	ALL	668922.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1152	ALL	669442.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1010	ALL	669322.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1696	ALL	668482.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
243	ALL	668902.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1037	ALL	669342.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1651	ALL	668462.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
116	ALL	668822.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1607	ALL	668442.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1073	ALL	669402.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
201	ALL	668882.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
550	ALL	669062.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
508	ALL	669042.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
592	ALL	669082.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
463	ALL	669022.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
958	ALL	669302.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
71	ALL	668802.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
625	ALL	669102.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
418	ALL	669002.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
159	ALL	668862.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
374	ALL	668982.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
1038	ALL	669362.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
671	ALL	669142.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
704	ALL	669162.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
330	ALL	668962.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
286	ALL	668942.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
983	ALL	669322.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
934	ALL	669302.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1112	ALL	669442.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1011	ALL	669342.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1695	ALL	668462.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
244	ALL	668922.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
117	ALL	668842.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03

1650	ALL	668442.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1074	ALL	669422.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
909	ALL	669302.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
202	ALL	668902.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1039	ALL	669382.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
551	ALL	669082.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
593	ALL	669102.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
509	ALL	669062.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
464	ALL	669042.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
626	ALL	669122.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
72	ALL	668822.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
419	ALL	669022.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
649	ALL	669142.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
160	ALL	668882.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
672	ALL	669162.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
705	ALL	669182.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
375	ALL	669002.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
886	ALL	669302.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1012	ALL	669362.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
959	ALL	669322.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
984	ALL	669342.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
331	ALL	668982.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1694	ALL	668442.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1040	ALL	669402.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
287	ALL	668962.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
118	ALL	668862.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
245	ALL	668942.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
776	ALL	669242.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1075	ALL	669442.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
935	ALL	669322.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
203	ALL	668922.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
552	ALL	669102.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
594	ALL	669122.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
910	ALL	669322.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
510	ALL	669082.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
627	ALL	669142.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
465	ALL	669062.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
864	ALL	669302.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
73	ALL	668842.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1013	ALL	669382.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
650	ALL	669162.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
420	ALL	669042.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
673	ALL	669182.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
161	ALL	668902.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
706	ALL	669202.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
985	ALL	669362.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
960	ALL	669342.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
1041	ALL	669422.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
376	ALL	669022.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
887	ALL	669322.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
936	ALL	669342.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
119	ALL	668882.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
332	ALL	669002.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
288	ALL	668982.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
911	ALL	669342.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1014	ALL	669402.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
246	ALL	668962.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
754	ALL	669242.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
986	ALL	669382.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
847	ALL	669302.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
810	ALL	669282.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
204	ALL	668942.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
961	ALL	669362.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
553	ALL	669122.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
595	ALL	669142.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
74	ALL	668862.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
511	ALL	669102.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
628	ALL	669162.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
865	ALL	669322.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
888	ALL	669342.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
937	ALL	669362.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
466	ALL	669082.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
651	ALL	669182.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
777	ALL	669262.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
421	ALL	669062.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
162	ALL	668922.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
674	ALL	669202.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
1042	ALL	669442.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
962	ALL	669382.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
377	ALL	669042.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
912	ALL	669362.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
707	ALL	669222.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
987	ALL	669402.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1015	ALL	669422.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
120	ALL	668902.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
333	ALL	669022.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
829	ALL	669302.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
938	ALL	669382.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
289	ALL	669002.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
731	ALL	669242.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
793	ALL	669282.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03

247	ALL	668982.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
889	ALL	669362.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
866	ALL	669342.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
75	ALL	668882.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
848	ALL	669322.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
963	ALL	669402.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
205	ALL	668962.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
554	ALL	669142.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
596	ALL	669162.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
512	ALL	669122.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
629	ALL	669182.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
467	ALL	669102.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
988	ALL	669422.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
652	ALL	669202.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
913	ALL	669382.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
422	ALL	669082.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
163	ALL	668942.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
811	ALL	669302.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
378	ALL	669062.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
755	ALL	669262.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
675	ALL	669222.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
1016	ALL	669442.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
939	ALL	669402.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
121	ALL	668922.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
334	ALL	669042.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
964	ALL	669422.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
867	ALL	669362.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
849	ALL	669342.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
708	ALL	669242.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
76	ALL	668902.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
290	ALL	669022.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
890	ALL	669382.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
830	ALL	669322.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
778	ALL	669282.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
989	ALL	669442.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
248	ALL	669002.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
914	ALL	669402.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
206	ALL	668982.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
513	ALL	669142.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
555	ALL	669162.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
597	ALL	669182.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
630	ALL	669202.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
468	ALL	669122.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
940	ALL	669422.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
794	ALL	669302.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
423	ALL	669102.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
164	ALL	668962.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
653	ALL	669222.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
965	ALL	669442.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
379	ALL	669082.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
732	ALL	669262.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
812	ALL	669322.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
122	ALL	668942.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
850	ALL	669362.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
868	ALL	669382.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
335	ALL	669062.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
831	ALL	669342.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
891	ALL	669402.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
676	ALL	669242.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
77	ALL	668922.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
291	ALL	669042.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
915	ALL	669422.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
249	ALL	669022.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
941	ALL	669442.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
756	ALL	669282.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
207	ALL	669002.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
514	ALL	669162.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
556	ALL	669182.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
598	ALL	669202.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
469	ALL	669142.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
631	ALL	669222.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
424	ALL	669122.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
165	ALL	668982.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
709	ALL	669262.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
813	ALL	669342.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
779	ALL	669302.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
832	ALL	669362.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
380	ALL	669102.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
851	ALL	669382.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
869	ALL	669402.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
123	ALL	668962.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
795	ALL	669322.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
892	ALL	669422.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
654	ALL	669242.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
336	ALL	669082.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
78	ALL	668942.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
916	ALL	669442.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	9.98E-04
292	ALL	669062.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	9.97E-04
28	ALL	668922.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	9.94E-04
250	ALL	669042.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	9.91E-04
733	ALL	669282.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	9.88E-04

599	ALL	669222.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	9.86E-04
208	ALL	669022.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.86E-04
677	ALL	669262.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	9.86E-04
814	ALL	669362.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	9.85E-04
833	ALL	669382.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	9.85E-04
515	ALL	669182.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	9.84E-04
557	ALL	669202.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.84E-04
852	ALL	669402.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	9.84E-04
470	ALL	669162.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	9.83E-04
166	ALL	669002.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.82E-04
425	ALL	669142.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.82E-04
870	ALL	669422.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	9.81E-04
796	ALL	669342.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	9.80E-04
632	ALL	669242.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	9.79E-04
381	ALL	669122.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	9.78E-04
893	ALL	669442.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	9.78E-04
124	ALL	668982.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.76E-04
757	ALL	669302.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	9.75E-04
337	ALL	669102.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	9.73E-04
79	ALL	668962.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	9.71E-04
780	ALL	669322.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	9.70E-04
293	ALL	669082.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	9.66E-04
29	ALL	668942.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	9.65E-04
710	ALL	669282.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	9.64E-04
655	ALL	669262.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	9.64E-04
815	ALL	669382.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	9.62E-04
834	ALL	669402.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	9.61E-04
251	ALL	669062.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	9.61E-04
853	ALL	669422.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	9.60E-04
797	ALL	669362.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	9.58E-04
1	ALL	668922.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	9.58E-04
209	ALL	669042.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.56E-04
871	ALL	669442.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	9.56E-04
558	ALL	669222.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.56E-04
600	ALL	669242.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	9.55E-04
516	ALL	669202.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	9.53E-04
167	ALL	669022.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.52E-04
471	ALL	669182.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	9.52E-04
426	ALL	669162.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.51E-04
678	ALL	669282.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	9.48E-04
382	ALL	669142.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	9.48E-04
781	ALL	669342.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	9.47E-04
125	ALL	669002.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.47E-04
734	ALL	669302.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	9.47E-04
758	ALL	669322.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	9.46E-04
633	ALL	669262.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	9.44E-04
338	ALL	669122.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	9.43E-04
80	ALL	668982.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	9.43E-04
798	ALL	669382.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	9.42E-04
816	ALL	669402.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	9.39E-04
294	ALL	669102.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	9.38E-04
30	ALL	668962.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	9.37E-04
835	ALL	669422.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	9.36E-04
854	ALL	669442.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	9.32E-04
252	ALL	669082.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	9.32E-04
2	ALL	668942.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	9.31E-04
782	ALL	669362.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	9.31E-04
656	ALL	669282.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	9.30E-04
559	ALL	669242.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.28E-04
210	ALL	669062.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.27E-04
517	ALL	669222.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	9.25E-04
711	ALL	669302.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	9.24E-04
168	ALL	669042.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.24E-04
601	ALL	669262.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	9.23E-04
472	ALL	669202.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	9.22E-04
427	ALL	669182.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.21E-04
126	ALL	669022.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.20E-04
383	ALL	669162.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	9.19E-04
759	ALL	669342.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	9.18E-04
735	ALL	669322.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	9.18E-04
783	ALL	669382.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	9.17E-04
81	ALL	669002.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	9.16E-04
339	ALL	669142.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	9.16E-04
799	ALL	669402.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	9.15E-04
679	ALL	669302.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	9.13E-04
634	ALL	669282.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	9.12E-04
817	ALL	669422.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	9.12E-04
31	ALL	668982.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	9.11E-04
295	ALL	669122.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	9.10E-04
836	ALL	669442.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	9.08E-04
3	ALL	668962.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	9.05E-04
253	ALL	669102.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	9.05E-04
211	ALL	669082.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.00E-04
560	ALL	669262.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.00E-04
657	ALL	669302.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	9.00E-04
518	ALL	669242.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.99E-04
760	ALL	669362.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.98E-04
169	ALL	669062.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.97E-04
736	ALL	669342.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	8.95E-04
473	ALL	669222.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.95E-04
127	ALL	669042.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.94E-04

602	ALL	669282.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.94E-04
712	ALL	669322.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.92E-04
428	ALL	669202.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.92E-04
784	ALL	669402.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.92E-04
384	ALL	669182.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.91E-04
82	ALL	669022.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.90E-04
761	ALL	669382.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.89E-04
800	ALL	669422.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	8.89E-04
340	ALL	669162.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.88E-04
32	ALL	669002.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	8.86E-04
818	ALL	669442.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	8.85E-04
296	ALL	669142.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.85E-04
680	ALL	669322.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.83E-04
635	ALL	669302.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.83E-04
4	ALL	668982.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	8.81E-04
254	ALL	669122.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.79E-04
737	ALL	669362.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	8.78E-04
713	ALL	669342.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.77E-04
212	ALL	669102.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.75E-04
519	ALL	669262.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.74E-04
561	ALL	669282.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.73E-04
658	ALL	669322.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.72E-04
170	ALL	669082.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.72E-04
474	ALL	669242.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.70E-04
128	ALL	669062.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.69E-04
429	ALL	669222.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.67E-04
785	ALL	669422.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.66E-04
603	ALL	669302.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.66E-04
83	ALL	669042.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.66E-04
762	ALL	669402.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.65E-04
738	ALL	669382.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	8.65E-04
385	ALL	669202.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.64E-04
33	ALL	669022.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	8.63E-04
714	ALL	669362.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.63E-04
801	ALL	669442.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	8.63E-04
681	ALL	669342.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.62E-04
341	ALL	669182.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.62E-04
297	ALL	669162.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.59E-04
5	ALL	669002.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	8.58E-04
636	ALL	669322.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.57E-04
255	ALL	669142.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.56E-04
213	ALL	669122.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.51E-04
520	ALL	669282.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.50E-04
171	ALL	669102.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.48E-04
562	ALL	669302.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.47E-04
659	ALL	669342.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.47E-04
475	ALL	669262.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.47E-04
129	ALL	669082.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.45E-04
430	ALL	669242.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.43E-04
715	ALL	669382.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.42E-04
84	ALL	669062.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.42E-04
763	ALL	669422.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.42E-04
739	ALL	669402.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	8.42E-04
786	ALL	669442.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.41E-04
682	ALL	669362.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.40E-04
604	ALL	669322.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.40E-04
386	ALL	669222.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.40E-04
34	ALL	669042.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	8.40E-04
342	ALL	669202.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.37E-04
6	ALL	669022.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	8.36E-04
298	ALL	669182.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.35E-04
637	ALL	669342.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.32E-04
256	ALL	669162.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.32E-04
214	ALL	669142.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.28E-04
521	ALL	669302.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.26E-04
172	ALL	669122.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.25E-04
476	ALL	669282.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.24E-04
660	ALL	669362.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.23E-04
130	ALL	669102.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.23E-04
563	ALL	669322.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.22E-04
431	ALL	669262.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.20E-04
85	ALL	669082.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.20E-04
716	ALL	669402.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.20E-04
764	ALL	669442.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.20E-04
740	ALL	669422.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	8.19E-04
683	ALL	669382.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.19E-04
35	ALL	669062.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	8.17E-04
387	ALL	669242.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.17E-04
605	ALL	669342.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.16E-04
7	ALL	669042.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	8.15E-04
343	ALL	669222.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.14E-04
299	ALL	669202.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.11E-04
257	ALL	669182.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.09E-04
638	ALL	669362.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.08E-04
215	ALL	669162.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.06E-04
173	ALL	669142.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.03E-04
522	ALL	669322.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.03E-04
477	ALL	669302.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.02E-04
131	ALL	669122.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.01E-04
661	ALL	669382.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.01E-04
564	ALL	669342.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.99E-04

432	ALL	669282.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.99E-04
684	ALL	669402.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.99E-04
86	ALL	669102.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.99E-04
741	ALL	669442.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.98E-04
717	ALL	669422.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.98E-04
388	ALL	669262.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.95E-04
36	ALL	669082.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.95E-04
8	ALL	669062.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.93E-04
344	ALL	669242.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.93E-04
606	ALL	669362.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.93E-04
300	ALL	669222.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.90E-04
258	ALL	669202.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.87E-04
639	ALL	669382.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.86E-04
216	ALL	669182.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.84E-04
174	ALL	669162.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.83E-04
662	ALL	669402.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.81E-04
478	ALL	669322.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.81E-04
132	ALL	669142.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.81E-04
523	ALL	669342.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.80E-04
685	ALL	669422.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.79E-04
87	ALL	669122.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.78E-04
433	ALL	669302.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.78E-04
718	ALL	669442.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.77E-04
565	ALL	669362.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.77E-04
37	ALL	669102.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.75E-04
389	ALL	669282.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.75E-04
345	ALL	669262.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.73E-04
9	ALL	669082.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.73E-04
607	ALL	669382.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.71E-04
301	ALL	669242.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.70E-04
259	ALL	669222.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.68E-04
640	ALL	669402.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.65E-04
217	ALL	669202.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.64E-04
175	ALL	669182.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.63E-04
133	ALL	669162.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.62E-04
663	ALL	669422.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.62E-04
479	ALL	669342.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.60E-04
88	ALL	669142.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.59E-04
686	ALL	669442.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.59E-04
524	ALL	669362.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.59E-04
434	ALL	669322.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.58E-04
38	ALL	669122.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.56E-04
566	ALL	669382.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.56E-04
390	ALL	669302.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.55E-04
10	ALL	669102.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.53E-04
346	ALL	669282.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.52E-04
302	ALL	669262.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.52E-04
608	ALL	669402.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.50E-04
260	ALL	669242.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.49E-04
218	ALL	669222.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.47E-04
641	ALL	669422.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.46E-04
176	ALL	669202.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.45E-04
134	ALL	669182.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.44E-04
89	ALL	669162.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.42E-04
664	ALL	669442.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.42E-04
480	ALL	669362.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.40E-04
39	ALL	669142.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.39E-04
525	ALL	669382.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.39E-04
435	ALL	669342.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.38E-04
11	ALL	669122.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.35E-04
567	ALL	669402.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.35E-04
391	ALL	669322.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.35E-04
347	ALL	669302.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.32E-04
303	ALL	669282.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.32E-04
261	ALL	669262.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.32E-04
219	ALL	669242.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.31E-04
609	ALL	669422.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.30E-04
177	ALL	669222.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.29E-04
135	ALL	669202.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.28E-04
642	ALL	669442.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.26E-04
90	ALL	669182.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.26E-04
40	ALL	669162.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.23E-04
481	ALL	669382.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.20E-04
436	ALL	669362.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.19E-04
12	ALL	669142.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.19E-04
526	ALL	669402.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.19E-04
392	ALL	669342.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.16E-04
568	ALL	669422.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.16E-04
220	ALL	669262.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.14E-04
262	ALL	669282.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.14E-04
304	ALL	669302.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.14E-04
348	ALL	669322.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.14E-04
178	ALL	669242.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.13E-04
136	ALL	669222.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.12E-04
610	ALL	669442.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.11E-04
91	ALL	669202.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.11E-04
41	ALL	669182.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.08E-04
13	ALL	669162.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.04E-04
482	ALL	669402.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.02E-04
437	ALL	669382.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.01E-04
527	ALL	669422.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.00E-04

393	ALL	669362.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.98E-04
179	ALL	669262.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.98E-04
221	ALL	669282.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-04
137	ALL	669242.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-04
569	ALL	669442.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-04
263	ALL	669302.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-04
92	ALL	669222.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-04
305	ALL	669322.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.96E-04
349	ALL	669342.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.96E-04
42	ALL	669202.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.94E-04
14	ALL	669182.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.90E-04
483	ALL	669422.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.83E-04
438	ALL	669402.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.83E-04
138	ALL	669262.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.82E-04
528	ALL	669442.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.82E-04
180	ALL	669282.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.82E-04
394	ALL	669382.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.81E-04
93	ALL	669242.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.81E-04
222	ALL	669302.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.81E-04
264	ALL	669322.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.80E-04
43	ALL	669222.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.79E-04
306	ALL	669342.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.79E-04
350	ALL	669362.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.78E-04
15	ALL	669202.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.76E-04
139	ALL	669282.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.66E-04
484	ALL	669442.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.66E-04
439	ALL	669422.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.66E-04
181	ALL	669302.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.65E-04
94	ALL	669262.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.65E-04
223	ALL	669322.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.65E-04
265	ALL	669342.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.64E-04
395	ALL	669402.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.64E-04
44	ALL	669242.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.63E-04
307	ALL	669362.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.62E-04
351	ALL	669382.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.62E-04
16	ALL	669222.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.61E-04
140	ALL	669302.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.51E-04
182	ALL	669322.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.50E-04
95	ALL	669282.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.50E-04
224	ALL	669342.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.50E-04
440	ALL	669442.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.49E-04
266	ALL	669362.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.48E-04
45	ALL	669262.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.48E-04
396	ALL	669422.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.47E-04
308	ALL	669382.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.47E-04
17	ALL	669242.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.46E-04
352	ALL	669402.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.45E-04
141	ALL	669322.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.36E-04
183	ALL	669342.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.35E-04
96	ALL	669302.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.35E-04
225	ALL	669362.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.35E-04
267	ALL	669382.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.34E-04
46	ALL	669282.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.32E-04
309	ALL	669402.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.32E-04
397	ALL	669442.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.31E-04
18	ALL	669262.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.30E-04
353	ALL	669422.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.30E-04
184	ALL	669362.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.21E-04
142	ALL	669342.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.21E-04
226	ALL	669382.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.21E-04
97	ALL	669322.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.21E-04
268	ALL	669402.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.20E-04
47	ALL	669302.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.18E-04
310	ALL	669422.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.18E-04
19	ALL	669282.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.15E-04
354	ALL	669442.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.15E-04
185	ALL	669382.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.08E-04
143	ALL	669362.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.07E-04
227	ALL	669402.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.07E-04
269	ALL	669422.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.07E-04
98	ALL	669342.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.06E-04
48	ALL	669322.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.04E-04
311	ALL	669442.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.03E-04
20	ALL	669302.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.01E-04
186	ALL	669402.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.94E-04
228	ALL	669422.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.94E-04
144	ALL	669382.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.93E-04
270	ALL	669442.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.93E-04
99	ALL	669362.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.92E-04
49	ALL	669342.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.90E-04
21	ALL	669322.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.88E-04
187	ALL	669422.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.81E-04
229	ALL	669442.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.80E-04
145	ALL	669402.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.79E-04
100	ALL	669382.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.78E-04
50	ALL	669362.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.76E-04
22	ALL	669342.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.74E-04
188	ALL	669442.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.68E-04
146	ALL	669422.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.67E-04
101	ALL	669402.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.65E-04
51	ALL	669382.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.63E-04

23	ALL	669362.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.61E-04
147	ALL	669442.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.54E-04
102	ALL	669422.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.53E-04
52	ALL	669402.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.51E-04
24	ALL	669382.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.48E-04
103	ALL	669442.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.41E-04
53	ALL	669422.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.38E-04
25	ALL	669402.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.35E-04
54	ALL	669442.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.27E-04
26	ALL	669422.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.22E-04
27	ALL	669442.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.10E-04

Item # 11.

*HARP - HRACalc v22118 1/16/2024 1:42:17 PM - Cancer Risk - Input File: C:\Users\imcintire\Desktop\HARP2\Dorsey 2\9478_DORSEY_EXISTING-PROJECT_ 20PercentADT\hra\9478_DORSEY_EXISTING-PROJECT_20PercentADT_HRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK
1095	ALL		668822.3	4344021	2.20E-05	30YrCancerDerived_InhSoilDermMMilk	2.20E-05
1060	ALL		668802.3	4344001	2.12E-05	30YrCancerDerived_InhSoilDermMMilk	2.12E-05
1028	ALL		668782.3	4343981	2.04E-05	30YrCancerDerived_InhSoilDermMMilk	2.04E-05
1679	ALL		669162.3	4344301	1.78E-05	30YrCancerDerived_InhSoilDermMMilk	1.78E-05
1294	ALL		668889.2	4344116	1.68E-05	30YrCancerDerived_InhSoilDermMMilk	1.68E-05
1418	ALL		668942.3	4344181	1.67E-05	30YrCancerDerived_InhSoilDermMMilk	1.67E-05
1131	ALL		668822.3	4344041	1.67E-05	30YrCancerDerived_InhSoilDermMMilk	1.67E-05
1725	ALL		669182.3	4344321	1.67E-05	30YrCancerDerived_InhSoilDermMMilk	1.67E-05
1094	ALL		668802.3	4344021	1.62E-05	30YrCancerDerived_InhSoilDermMMilk	1.62E-05
1375	ALL		668922.3	4344161	1.59E-05	30YrCancerDerived_InhSoilDermMMilk	1.59E-05
1548	ALL		669122.3	4344241	1.59E-05	30YrCancerDerived_InhSoilDermMMilk	1.59E-05
1590	ALL		669002.3	4344261	1.58E-05	30YrCancerDerived_InhSoilDermMMilk	1.58E-05
1059	ALL		668782.3	4344001	1.57E-05	30YrCancerDerived_InhSoilDermMMilk	1.57E-05
1027	ALL		668762.3	4343981	1.52E-05	30YrCancerDerived_InhSoilDermMMilk	1.52E-05
999	ALL		668742.3	4343961	1.47E-05	30YrCancerDerived_InhSoilDermMMilk	1.47E-05
1591	ALL		669142.3	4344261	1.46E-05	30YrCancerDerived_InhSoilDermMMilk	1.46E-05
742	ALL		668662.3	4343721	1.45E-05	30YrCancerDerived_InhSoilDermMMilk	1.45E-05
1505	ALL		668962.3	4344221	1.44E-05	30YrCancerDerived_InhSoilDermMMilk	1.44E-05
765	ALL		668682.3	4343741	1.43E-05	30YrCancerDerived_InhSoilDermMMilk	1.43E-05
1724	ALL		669042.3	4344321	1.42E-05	30YrCancerDerived_InhSoilDermMMilk	1.42E-05
787	ALL		668702.3	4343761	1.41E-05	30YrCancerDerived_InhSoilDermMMilk	1.41E-05
975	ALL		668722.3	4343941	1.41E-05	30YrCancerDerived_InhSoilDermMMilk	1.41E-05
1419	ALL		669082.3	4344181	1.41E-05	30YrCancerDerived_InhSoilDermMMilk	1.41E-05
1212	ALL		669002.3	4344081	1.38E-05	30YrCancerDerived_InhSoilDermMMilk	1.38E-05
1461	ALL		668942.3	4344201	1.38E-05	30YrCancerDerived_InhSoilDermMMilk	1.38E-05
1635	ALL		669162.3	4344281	1.37E-05	30YrCancerDerived_InhSoilDermMMilk	1.37E-05
903	ALL		668671.5	4343883	1.34E-05	30YrCancerDerived_InhSoilDermMMilk	1.34E-05
1462	ALL		669102.3	4344201	1.34E-05	30YrCancerDerived_InhSoilDermMMilk	1.34E-05
1417	ALL		668922.3	4344181	1.33E-05	30YrCancerDerived_InhSoilDermMMilk	1.33E-05
1254	ALL		669022.3	4344101	1.31E-05	30YrCancerDerived_InhSoilDermMMilk	1.31E-05
1680	ALL		669182.3	4344301	1.29E-05	30YrCancerDerived_InhSoilDermMMilk	1.29E-05
1093	ALL		668782.3	4344021	1.29E-05	30YrCancerDerived_InhSoilDermMMilk	1.29E-05
1589	ALL		668982.3	4344261	1.28E-05	30YrCancerDerived_InhSoilDermMMilk	1.28E-05
1506	ALL		669122.3	4344221	1.26E-05	30YrCancerDerived_InhSoilDermMMilk	1.26E-05
1726	ALL		669202.3	4344321	1.25E-05	30YrCancerDerived_InhSoilDermMMilk	1.25E-05
1058	ALL		668762.3	4344001	1.25E-05	30YrCancerDerived_InhSoilDermMMilk	1.25E-05
1295	ALL		669042.3	4344121	1.23E-05	30YrCancerDerived_InhSoilDermMMilk	1.23E-05
1547	ALL		668962.3	4344241	1.23E-05	30YrCancerDerived_InhSoilDermMMilk	1.23E-05
1026	ALL		668742.3	4343981	1.20E-05	30YrCancerDerived_InhSoilDermMMilk	1.20E-05
842	ALL		668602.3	4343821	1.18E-05	30YrCancerDerived_InhSoilDermMMilk	1.18E-05
1504	ALL		668942.3	4344221	1.18E-05	30YrCancerDerived_InhSoilDermMMilk	1.18E-05
1549	ALL		669142.3	4344241	1.18E-05	30YrCancerDerived_InhSoilDermMMilk	1.18E-05
1723	ALL		669022.3	4344321	1.17E-05	30YrCancerDerived_InhSoilDermMMilk	1.17E-05
1334	ALL		669062.3	4344141	1.16E-05	30YrCancerDerived_InhSoilDermMMilk	1.16E-05
998	ALL		668722.3	4343961	1.14E-05	30YrCancerDerived_InhSoilDermMMilk	1.14E-05
1460	ALL		668922.3	4344201	1.14E-05	30YrCancerDerived_InhSoilDermMMilk	1.14E-05
802	ALL		668562.3	4343781	1.14E-05	30YrCancerDerived_InhSoilDermMMilk	1.14E-05
743	ALL		668682.3	4343721	1.14E-05	30YrCancerDerived_InhSoilDermMMilk	1.14E-05
1678	ALL		669002.3	4344301	1.13E-05	30YrCancerDerived_InhSoilDermMMilk	1.13E-05
1376	ALL		669082.3	4344161	1.12E-05	30YrCancerDerived_InhSoilDermMMilk	1.12E-05
766	ALL		668702.3	4343741	1.12E-05	30YrCancerDerived_InhSoilDermMMilk	1.12E-05
1592	ALL		669162.3	4344261	1.11E-05	30YrCancerDerived_InhSoilDermMMilk	1.11E-05
788	ALL		668722.3	4343761	1.11E-05	30YrCancerDerived_InhSoilDermMMilk	1.11E-05
1634	ALL		668982.3	4344281	1.10E-05	30YrCancerDerived_InhSoilDermMMilk	1.10E-05
1130	ALL		668782.3	4344041	1.10E-05	30YrCancerDerived_InhSoilDermMMilk	1.10E-05
1420	ALL		669102.3	4344181	1.08E-05	30YrCancerDerived_InhSoilDermMMilk	1.08E-05
1213	ALL		669022.3	4344081	1.07E-05	30YrCancerDerived_InhSoilDermMMilk	1.07E-05
1092	ALL		668762.3	4344021	1.07E-05	30YrCancerDerived_InhSoilDermMMilk	1.07E-05
1636	ALL		669182.3	4344281	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05
1463	ALL		669122.3	4344201	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05
1057	ALL		668742.3	4344001	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05
1546	ALL		668942.3	4344241	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05
952	ALL		668682.3	4343921	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05
1681	ALL		669202.3	4344301	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05
1255	ALL		669042.3	4344101	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05
1727	ALL		669222.3	4344321	1.01E-05	30YrCancerDerived_InhSoilDermMMilk	1.01E-05
1503	ALL		668922.3	4344221	1.00E-05	30YrCancerDerived_InhSoilDermMMilk	1.00E-05
1025	ALL		668722.3	4343981	9.89E-06	30YrCancerDerived_InhSoilDermMMilk	9.89E-06
1722	ALL		669002.3	4344321	9.87E-06	30YrCancerDerived_InhSoilDermMMilk	9.87E-06
1211	ALL		668802.3	4344081	9.85E-06	30YrCancerDerived_InhSoilDermMMilk	9.85E-06
1507	ALL		669142.3	4344221	9.81E-06	30YrCancerDerived_InhSoilDermMMilk	9.81E-06
1677	ALL		668982.3	4344301	9.66E-06	30YrCancerDerived_InhSoilDermMMilk	9.66E-06
1170	ALL		668782.3	4344061	9.65E-06	30YrCancerDerived_InhSoilDermMMilk	9.65E-06
841	ALL		668582.3	4343821	9.54E-06	30YrCancerDerived_InhSoilDermMMilk	9.54E-06
821	ALL		668562.3	4343801	9.51E-06	30YrCancerDerived_InhSoilDermMMilk	9.51E-06
1296	ALL		669062.3	4344121	9.50E-06	30YrCancerDerived_InhSoilDermMMilk	9.50E-06
719	ALL		668682.3	4343701	9.49E-06	30YrCancerDerived_InhSoilDermMMilk	9.49E-06
1633	ALL		668962.3	4344281	9.43E-06	30YrCancerDerived_InhSoilDermMMilk	9.43E-06
1129	ALL		668762.3	4344041	9.40E-06	30YrCancerDerived_InhSoilDermMMilk	9.40E-06
744	ALL		668702.3	4343721	9.37E-06	30YrCancerDerived_InhSoilDermMMilk	9.37E-06
1550	ALL		669162.3	4344241	9.37E-06	30YrCancerDerived_InhSoilDermMMilk	9.37E-06
767	ALL		668722.3	4343741	9.27E-06	30YrCancerDerived_InhSoilDermMMilk	9.27E-06
1335	ALL		669082.3	4344141	9.17E-06	30YrCancerDerived_InhSoilDermMMilk	9.17E-06
860	ALL		668822.3	4343841	9.16E-06	30YrCancerDerived_InhSoilDermMMilk	9.16E-06
1091	ALL		668742.3	4344021	9.15E-06	30YrCancerDerived_InhSoilDermMMilk	9.15E-06
879	ALL		668842.3	4343861	9.10E-06	30YrCancerDerived_InhSoilDermMMilk	9.10E-06
1333	ALL		668842.3	4344141	9.08E-06	30YrCancerDerived_InhSoilDermMMilk	9.08E-06
1171	ALL		669022.3	4344061	9.05E-06	30YrCancerDerived_InhSoilDermMMilk	9.05E-06
1593	ALL		669182.3	4344261	8.95E-06	30YrCancerDerived_InhSoilDermMMilk	8.95E-06
974	ALL		668682.3	4343941	8.86E-06	30YrCancerDerived_InhSoilDermMMilk	8.86E-06
1056	ALL		668722.3	4344001	8.84E-06	30YrCancerDerived_InhSoilDermMMilk	8.84E-06
1253	ALL		668802.3	4344101	8.77E-06	30YrCancerDerived_InhSoilDermMMilk	8.77E-06
1377	ALL		669102.3	4344161	8.75E-06	30YrCancerDerived_InhSoilDermMMilk	8.75E-06
1210	ALL		668782.3	4344081	8.61E-06	30YrCancerDerived_InhSoilDermMMilk	8.61E-06
1637	ALL		669202.3	4344281	8.58E-06	30YrCancerDerived_InhSoilDermMMilk	8.58E-06
1721	ALL		668982.3	4344321	8.56E-06	30YrCancerDerived_InhSoilDermMMilk	8.56E-06
1214	ALL		669042.3	4344081	8.53E-06	30YrCancerDerived_InhSoilDermMMilk	8.53E-06
1421	ALL		669122.3	4344181	8.52E-06	30YrCancerDerived_InhSoilDermMMilk	8.52E-06
1728	ALL		669242.3	4344321	8.51E-06	30YrCancerDerived_InhSoilDermMMilk	8.51E-06

1682	ALL	669222.3	4344301	8.47E-06	30YrCancerDerived_InhSoilDermMMilk	8.47E-06
1169	ALL	668762.3	4344061	8.43E-06	30YrCancerDerived_InhSoilDermMMilk	8.43E-06
1676	ALL	668962.3	4344301	8.41E-06	30YrCancerDerived_InhSoilDermMMilk	8.41E-06
951	ALL	668662.3	4343921	8.35E-06	30YrCancerDerived_InhSoilDermMMilk	8.35E-06
1416	ALL	668862.3	4344181	8.35E-06	30YrCancerDerived_InhSoilDermMMilk	8.35E-06
441	ALL	668542.3	4343541	8.33E-06	30YrCancerDerived_InhSoilDermMMilk	8.33E-06
1464	ALL	669142.3	4344201	8.33E-06	30YrCancerDerived_InhSoilDermMMilk	8.33E-06
1632	ALL	668942.3	4344281	8.26E-06	30YrCancerDerived_InhSoilDermMMilk	8.26E-06
485	ALL	668562.3	4343561	8.24E-06	30YrCancerDerived_InhSoilDermMMilk	8.24E-06
1374	ALL	668842.3	4344161	8.19E-06	30YrCancerDerived_InhSoilDermMMilk	8.19E-06
1128	ALL	668742.3	4344041	8.19E-06	30YrCancerDerived_InhSoilDermMMilk	8.19E-06
720	ALL	668702.3	4343701	8.09E-06	30YrCancerDerived_InhSoilDermMMilk	8.09E-06
840	ALL	668562.3	4343821	8.01E-06	30YrCancerDerived_InhSoilDermMMilk	8.01E-06
1090	ALL	668722.3	4344021	7.99E-06	30YrCancerDerived_InhSoilDermMMilk	7.99E-06
1508	ALL	669162.3	4344221	7.99E-06	30YrCancerDerived_InhSoilDermMMilk	7.99E-06
745	ALL	668722.3	4343721	7.98E-06	30YrCancerDerived_InhSoilDermMMilk	7.98E-06
1256	ALL	669062.3	4344101	7.97E-06	30YrCancerDerived_InhSoilDermMMilk	7.97E-06
820	ALL	668542.3	4343801	7.96E-06	30YrCancerDerived_InhSoilDermMMilk	7.96E-06
904	ALL	668882.3	4343881	7.90E-06	30YrCancerDerived_InhSoilDermMMilk	7.90E-06
843	ALL	668822.3	4343821	7.89E-06	30YrCancerDerived_InhSoilDermMMilk	7.89E-06
926	ALL	668902.3	4343901	7.89E-06	30YrCancerDerived_InhSoilDermMMilk	7.89E-06
880	ALL	668862.3	4343861	7.85E-06	30YrCancerDerived_InhSoilDermMMilk	7.85E-06
1252	ALL	668782.3	4344101	7.77E-06	30YrCancerDerived_InhSoilDermMMilk	7.77E-06
1502	ALL	668882.3	4344221	7.75E-06	30YrCancerDerived_InhSoilDermMMilk	7.75E-06
1551	ALL	669182.3	4344241	7.72E-06	30YrCancerDerived_InhSoilDermMMilk	7.72E-06
1209	ALL	668762.3	4344081	7.65E-06	30YrCancerDerived_InhSoilDermMMilk	7.65E-06
1055	ALL	668702.3	4344001	7.64E-06	30YrCancerDerived_InhSoilDermMMilk	7.64E-06
1459	ALL	668862.3	4344201	7.58E-06	30YrCancerDerived_InhSoilDermMMilk	7.58E-06
1720	ALL	668962.3	4344321	7.57E-06	30YrCancerDerived_InhSoilDermMMilk	7.57E-06
1297	ALL	669082.3	4344121	7.56E-06	30YrCancerDerived_InhSoilDermMMilk	7.56E-06
973	ALL	668662.3	4343941	7.54E-06	30YrCancerDerived_InhSoilDermMMilk	7.54E-06
1168	ALL	668742.3	4344061	7.47E-06	30YrCancerDerived_InhSoilDermMMilk	7.47E-06
1675	ALL	668942.3	4344301	7.46E-06	30YrCancerDerived_InhSoilDermMMilk	7.46E-06
1415	ALL	668842.3	4344181	7.45E-06	30YrCancerDerived_InhSoilDermMMilk	7.45E-06
1594	ALL	669202.3	4344261	7.44E-06	30YrCancerDerived_InhSoilDermMMilk	7.44E-06
1172	ALL	669042.3	4344061	7.38E-06	30YrCancerDerived_InhSoilDermMMilk	7.38E-06
1336	ALL	669102.3	4344141	7.35E-06	30YrCancerDerived_InhSoilDermMMilk	7.35E-06
1631	ALL	668922.3	4344281	7.34E-06	30YrCancerDerived_InhSoilDermMMilk	7.34E-06
1729	ALL	669262.3	4344321	7.33E-06	30YrCancerDerived_InhSoilDermMMilk	7.33E-06
1373	ALL	668822.3	4344161	7.31E-06	30YrCancerDerived_InhSoilDermMMilk	7.31E-06
1683	ALL	669242.3	4344301	7.26E-06	30YrCancerDerived_InhSoilDermMMilk	7.26E-06
1127	ALL	668722.3	4344041	7.26E-06	30YrCancerDerived_InhSoilDermMMilk	7.26E-06
1638	ALL	669222.3	4344281	7.19E-06	30YrCancerDerived_InhSoilDermMMilk	7.19E-06
398	ALL	668542.3	4343521	7.19E-06	30YrCancerDerived_InhSoilDermMMilk	7.19E-06
1588	ALL	668902.3	4344261	7.19E-06	30YrCancerDerived_InhSoilDermMMilk	7.19E-06
442	ALL	668562.3	4343541	7.13E-06	30YrCancerDerived_InhSoilDermMMilk	7.13E-06
1378	ALL	669122.3	4344161	7.09E-06	30YrCancerDerived_InhSoilDermMMilk	7.09E-06
1089	ALL	668702.3	4344021	7.09E-06	30YrCancerDerived_InhSoilDermMMilk	7.09E-06
1293	ALL	668782.3	4344121	7.08E-06	30YrCancerDerived_InhSoilDermMMilk	7.08E-06
1545	ALL	668882.3	4344241	7.07E-06	30YrCancerDerived_InhSoilDermMMilk	7.07E-06
486	ALL	668582.3	4343561	7.07E-06	30YrCancerDerived_InhSoilDermMMilk	7.07E-06
721	ALL	668722.3	4343701	7.03E-06	30YrCancerDerived_InhSoilDermMMilk	7.03E-06
1422	ALL	669142.3	4344181	7.02E-06	30YrCancerDerived_InhSoilDermMMilk	7.02E-06
997	ALL	668662.3	4343961	6.99E-06	30YrCancerDerived_InhSoilDermMMilk	6.99E-06
1251	ALL	668762.3	4344101	6.98E-06	30YrCancerDerived_InhSoilDermMMilk	6.98E-06
905	ALL	668902.3	4343881	6.97E-06	30YrCancerDerived_InhSoilDermMMilk	6.97E-06
746	ALL	668742.3	4343721	6.97E-06	30YrCancerDerived_InhSoilDermMMilk	6.97E-06
859	ALL	668562.3	4343841	6.96E-06	30YrCancerDerived_InhSoilDermMMilk	6.96E-06
902	ALL	668602.3	4343881	6.94E-06	30YrCancerDerived_InhSoilDermMMilk	6.94E-06
1501	ALL	668862.3	4344221	6.94E-06	30YrCancerDerived_InhSoilDermMMilk	6.94E-06
927	ALL	668922.3	4343901	6.93E-06	30YrCancerDerived_InhSoilDermMMilk	6.93E-06
839	ALL	668542.3	4343821	6.93E-06	30YrCancerDerived_InhSoilDermMMilk	6.93E-06
844	ALL	668842.3	4343821	6.93E-06	30YrCancerDerived_InhSoilDermMMilk	6.93E-06
1465	ALL	669162.3	4344201	6.90E-06	30YrCancerDerived_InhSoilDermMMilk	6.90E-06
1215	ALL	669062.3	4344081	6.89E-06	30YrCancerDerived_InhSoilDermMMilk	6.89E-06
861	ALL	668862.3	4343841	6.88E-06	30YrCancerDerived_InhSoilDermMMilk	6.88E-06
1208	ALL	668742.3	4344081	6.87E-06	30YrCancerDerived_InhSoilDermMMilk	6.87E-06
1054	ALL	668682.3	4344001	6.83E-06	30YrCancerDerived_InhSoilDermMMilk	6.83E-06
1458	ALL	668842.3	4344201	6.82E-06	30YrCancerDerived_InhSoilDermMMilk	6.82E-06
1719	ALL	668942.3	4344321	6.79E-06	30YrCancerDerived_InhSoilDermMMilk	6.79E-06
976	ALL	668962.3	4343941	6.77E-06	30YrCancerDerived_InhSoilDermMMilk	6.77E-06
1414	ALL	668822.3	4344181	6.70E-06	30YrCancerDerived_InhSoilDermMMilk	6.70E-06
1167	ALL	668722.3	4344061	6.70E-06	30YrCancerDerived_InhSoilDermMMilk	6.70E-06
1509	ALL	669182.3	4344221	6.70E-06	30YrCancerDerived_InhSoilDermMMilk	6.70E-06
1674	ALL	668922.3	4344301	6.70E-06	30YrCancerDerived_InhSoilDermMMilk	6.70E-06
1630	ALL	668902.3	4344281	6.60E-06	30YrCancerDerived_InhSoilDermMMilk	6.60E-06
1372	ALL	668802.3	4344161	6.59E-06	30YrCancerDerived_InhSoilDermMMilk	6.59E-06
972	ALL	668642.3	4343941	6.59E-06	30YrCancerDerived_InhSoilDermMMilk	6.59E-06
1126	ALL	668702.3	4344041	6.53E-06	30YrCancerDerived_InhSoilDermMMilk	6.53E-06
1132	ALL	669042.3	4344041	6.51E-06	30YrCancerDerived_InhSoilDermMMilk	6.51E-06
1552	ALL	669202.3	4344241	6.50E-06	30YrCancerDerived_InhSoilDermMMilk	6.50E-06
1587	ALL	668882.3	4344261	6.49E-06	30YrCancerDerived_InhSoilDermMMilk	6.49E-06
1730	ALL	669282.3	4344321	6.45E-06	30YrCancerDerived_InhSoilDermMMilk	6.45E-06
1684	ALL	669262.3	4344301	6.42E-06	30YrCancerDerived_InhSoilDermMMilk	6.42E-06
1088	ALL	668682.3	4344021	6.41E-06	30YrCancerDerived_InhSoilDermMMilk	6.41E-06
1292	ALL	668762.3	4344121	6.39E-06	30YrCancerDerived_InhSoilDermMMilk	6.39E-06
1544	ALL	668862.3	4344241	6.39E-06	30YrCancerDerived_InhSoilDermMMilk	6.39E-06
1595	ALL	669222.3	4344261	6.37E-06	30YrCancerDerived_InhSoilDermMMilk	6.37E-06
1257	ALL	669082.3	4344101	6.36E-06	30YrCancerDerived_InhSoilDermMMilk	6.36E-06
901	ALL	668582.3	4343881	6.33E-06	30YrCancerDerived_InhSoilDermMMilk	6.33E-06
1250	ALL	668742.3	4344101	6.31E-06	30YrCancerDerived_InhSoilDermMMilk	6.31E-06
355	ALL	668542.3	4343501	6.30E-06	30YrCancerDerived_InhSoilDermMMilk	6.30E-06
687	ALL	668722.3	4343681	6.28E-06	30YrCancerDerived_InhSoilDermMMilk	6.28E-06
399	ALL	668562.3	4343521	6.28E-06	30YrCancerDerived_InhSoilDermMMilk	6.28E-06
1500	ALL	668842.3	4344221	6.27E-06	30YrCancerDerived_InhSoilDermMMilk	6.27E-06
1639	ALL	669242.3	4344281	6.27E-06	30YrCancerDerived_InhSoilDermMMilk	6.27E-06
312	ALL	668522.3	4343481	6.27E-06	30YrCancerDerived_InhSoilDermMMilk	6.27E-06
996	ALL	668642.3	4343961	6.27E-06	30YrCancerDerived_InhSoilDermMMilk	6.27E-06
878	ALL	668562.3	4343861	6.26E-06	30YrCancerDerived_InhSoilDermMMilk	6.26E-06
570	ALL	668642.3	4343601	6.26E-06	30YrCancerDerived_InhSoilDermMMilk	6.26E-06
443	ALL	668582.3	4343541	6.23E-06	30YrCancerDerived_InhSoilDermMMilk	6.23E-06

1298	ALL	669102.3	4344121	6.23E-06	30YrCancerDerived_InhSoilDermMMilk	6.23E-06
722	ALL	668742.3	4343701	6.23E-06	30YrCancerDerived_InhSoilDermMMilk	6.23E-06
1207	ALL	668722.3	4344081	6.22E-06	30YrCancerDerived_InhSoilDermMMilk	6.22E-06
925	ALL	668602.3	4343901	6.22E-06	30YrCancerDerived_InhSoilDermMMilk	6.22E-06
881	ALL	668902.3	4343861	6.21E-06	30YrCancerDerived_InhSoilDermMMilk	6.21E-06
487	ALL	668602.3	4343561	6.20E-06	30YrCancerDerived_InhSoilDermMMilk	6.20E-06
822	ALL	668842.3	4343801	6.19E-06	30YrCancerDerived_InhSoilDermMMilk	6.19E-06
747	ALL	668762.3	4343721	6.19E-06	30YrCancerDerived_InhSoilDermMMilk	6.19E-06
906	ALL	668922.3	4343881	6.19E-06	30YrCancerDerived_InhSoilDermMMilk	6.19E-06
858	ALL	668542.3	4343841	6.18E-06	30YrCancerDerived_InhSoilDermMMilk	6.18E-06
1457	ALL	668822.3	4344201	6.18E-06	30YrCancerDerived_InhSoilDermMMilk	6.18E-06
862	ALL	668882.3	4343841	6.15E-06	30YrCancerDerived_InhSoilDermMMilk	6.15E-06
1173	ALL	669062.3	4344061	6.15E-06	30YrCancerDerived_InhSoilDermMMilk	6.15E-06
928	ALL	668942.3	4343901	6.14E-06	30YrCancerDerived_InhSoilDermMMilk	6.14E-06
838	ALL	668522.3	4343821	6.14E-06	30YrCancerDerived_InhSoilDermMMilk	6.14E-06
1718	ALL	668922.3	4344321	6.14E-06	30YrCancerDerived_InhSoilDermMMilk	6.14E-06
1337	ALL	669122.3	4344141	6.09E-06	30YrCancerDerived_InhSoilDermMMilk	6.09E-06
1166	ALL	668702.3	4344061	6.08E-06	30YrCancerDerived_InhSoilDermMMilk	6.08E-06
1413	ALL	668802.3	4344181	6.08E-06	30YrCancerDerived_InhSoilDermMMilk	6.08E-06
1024	ALL	668642.3	4343981	6.08E-06	30YrCancerDerived_InhSoilDermMMilk	6.08E-06
1673	ALL	668902.3	4344301	6.07E-06	30YrCancerDerived_InhSoilDermMMilk	6.07E-06
953	ALL	668962.3	4343921	6.05E-06	30YrCancerDerived_InhSoilDermMMilk	6.05E-06
1629	ALL	668882.3	4344281	6.00E-06	30YrCancerDerived_InhSoilDermMMilk	6.00E-06
1371	ALL	668782.3	4344161	5.99E-06	30YrCancerDerived_InhSoilDermMMilk	5.99E-06
1423	ALL	669162.3	4344181	5.98E-06	30YrCancerDerived_InhSoilDermMMilk	5.98E-06
1379	ALL	669142.3	4344161	5.97E-06	30YrCancerDerived_InhSoilDermMMilk	5.97E-06
1125	ALL	668682.3	4344041	5.97E-06	30YrCancerDerived_InhSoilDermMMilk	5.97E-06
977	ALL	668982.3	4343941	5.95E-06	30YrCancerDerived_InhSoilDermMMilk	5.95E-06
1586	ALL	668862.3	4344261	5.90E-06	30YrCancerDerived_InhSoilDermMMilk	5.90E-06
1332	ALL	668762.3	4344141	5.89E-06	30YrCancerDerived_InhSoilDermMMilk	5.89E-06
1466	ALL	669182.3	4344201	5.88E-06	30YrCancerDerived_InhSoilDermMMilk	5.88E-06
1087	ALL	668662.3	4344021	5.86E-06	30YrCancerDerived_InhSoilDermMMilk	5.86E-06
924	ALL	668582.3	4343901	5.83E-06	30YrCancerDerived_InhSoilDermMMilk	5.83E-06
1291	ALL	668742.3	4344121	5.82E-06	30YrCancerDerived_InhSoilDermMMilk	5.82E-06
1543	ALL	668842.3	4344241	5.81E-06	30YrCancerDerived_InhSoilDermMMilk	5.81E-06
950	ALL	668602.3	4343921	5.81E-06	30YrCancerDerived_InhSoilDermMMilk	5.81E-06
900	ALL	668562.3	4343881	5.79E-06	30YrCancerDerived_InhSoilDermMMilk	5.79E-06
1000	ALL	669002.3	4343961	5.79E-06	30YrCancerDerived_InhSoilDermMMilk	5.79E-06
1731	ALL	669302.3	4344321	5.76E-06	30YrCancerDerived_InhSoilDermMMilk	5.76E-06
1685	ALL	669282.3	4344301	5.75E-06	30YrCancerDerived_InhSoilDermMMilk	5.75E-06
1249	ALL	668722.3	4344101	5.75E-06	30YrCancerDerived_InhSoilDermMMilk	5.75E-06
1053	ALL	668642.3	4344001	5.75E-06	30YrCancerDerived_InhSoilDermMMilk	5.75E-06
1499	ALL	668822.3	4344221	5.73E-06	30YrCancerDerived_InhSoilDermMMilk	5.73E-06
1216	ALL	669082.3	4344081	5.70E-06	30YrCancerDerived_InhSoilDermMMilk	5.70E-06
1510	ALL	669202.3	4344221	5.68E-06	30YrCancerDerived_InhSoilDermMMilk	5.68E-06
1640	ALL	669262.3	4344281	5.68E-06	30YrCancerDerived_InhSoilDermMMilk	5.68E-06
1206	ALL	668702.3	4344081	5.67E-06	30YrCancerDerived_InhSoilDermMMilk	5.67E-06
877	ALL	668542.3	4343861	5.67E-06	30YrCancerDerived_InhSoilDermMMilk	5.67E-06
1456	ALL	668802.3	4344201	5.64E-06	30YrCancerDerived_InhSoilDermMMilk	5.64E-06
1553	ALL	669222.3	4344241	5.63E-06	30YrCancerDerived_InhSoilDermMMilk	5.63E-06
571	ALL	668662.3	4343601	5.63E-06	30YrCancerDerived_InhSoilDermMMilk	5.63E-06
688	ALL	668742.3	4343681	5.63E-06	30YrCancerDerived_InhSoilDermMMilk	5.63E-06
1596	ALL	669242.3	4344261	5.62E-06	30YrCancerDerived_InhSoilDermMMilk	5.62E-06
857	ALL	668522.3	4343841	5.61E-06	30YrCancerDerived_InhSoilDermMMilk	5.61E-06
529	ALL	668642.3	4343581	5.60E-06	30YrCancerDerived_InhSoilDermMMilk	5.60E-06
1023	ALL	668622.3	4343981	5.60E-06	30YrCancerDerived_InhSoilDermMMilk	5.60E-06
1717	ALL	668902.3	4344321	5.60E-06	30YrCancerDerived_InhSoilDermMMilk	5.60E-06
356	ALL	668562.3	4343501	5.59E-06	30YrCancerDerived_InhSoilDermMMilk	5.59E-06
723	ALL	668762.3	4343701	5.59E-06	30YrCancerDerived_InhSoilDermMMilk	5.59E-06
1133	ALL	669062.3	4344041	5.58E-06	30YrCancerDerived_InhSoilDermMMilk	5.58E-06
882	ALL	668922.3	4343861	5.58E-06	30YrCancerDerived_InhSoilDermMMilk	5.58E-06
313	ALL	668542.3	4343481	5.57E-06	30YrCancerDerived_InhSoilDermMMilk	5.57E-06
1165	ALL	668682.3	4344061	5.57E-06	30YrCancerDerived_InhSoilDermMMilk	5.57E-06
1412	ALL	668782.3	4344181	5.55E-06	30YrCancerDerived_InhSoilDermMMilk	5.55E-06
1672	ALL	668882.3	4344301	5.54E-06	30YrCancerDerived_InhSoilDermMMilk	5.54E-06
845	ALL	668882.3	4343821	5.54E-06	30YrCancerDerived_InhSoilDermMMilk	5.54E-06
949	ALL	668582.3	4343921	5.49E-06	30YrCancerDerived_InhSoilDermMMilk	5.49E-06
1628	ALL	668862.3	4344281	5.48E-06	30YrCancerDerived_InhSoilDermMMilk	5.48E-06
1370	ALL	668762.3	4344161	5.48E-06	30YrCancerDerived_InhSoilDermMMilk	5.48E-06
929	ALL	668962.3	4343901	5.46E-06	30YrCancerDerived_InhSoilDermMMilk	5.46E-06
1124	ALL	668662.3	4344041	5.46E-06	30YrCancerDerived_InhSoilDermMMilk	5.46E-06
923	ALL	668562.3	4343901	5.42E-06	30YrCancerDerived_InhSoilDermMMilk	5.42E-06
1585	ALL	668842.3	4344261	5.41E-06	30YrCancerDerived_InhSoilDermMMilk	5.41E-06
1258	ALL	669102.3	4344101	5.39E-06	30YrCancerDerived_InhSoilDermMMilk	5.39E-06
1331	ALL	668742.3	4344141	5.39E-06	30YrCancerDerived_InhSoilDermMMilk	5.39E-06
954	ALL	668982.3	4343921	5.38E-06	30YrCancerDerived_InhSoilDermMMilk	5.38E-06
1086	ALL	668642.3	4344021	5.35E-06	30YrCancerDerived_InhSoilDermMMilk	5.35E-06
1542	ALL	668822.3	4344241	5.33E-06	30YrCancerDerived_InhSoilDermMMilk	5.33E-06
1290	ALL	668722.3	4344121	5.33E-06	30YrCancerDerived_InhSoilDermMMilk	5.33E-06
899	ALL	668542.3	4343881	5.32E-06	30YrCancerDerived_InhSoilDermMMilk	5.32E-06
1299	ALL	669122.3	4344121	5.29E-06	30YrCancerDerived_InhSoilDermMMilk	5.29E-06
1174	ALL	669082.3	4344061	5.28E-06	30YrCancerDerived_InhSoilDermMMilk	5.28E-06
978	ALL	669002.3	4343941	5.27E-06	30YrCancerDerived_InhSoilDermMMilk	5.27E-06
1248	ALL	668702.3	4344101	5.27E-06	30YrCancerDerived_InhSoilDermMMilk	5.27E-06
1498	ALL	668802.3	4344221	5.26E-06	30YrCancerDerived_InhSoilDermMMilk	5.26E-06
1052	ALL	668622.3	4344001	5.25E-06	30YrCancerDerived_InhSoilDermMMilk	5.25E-06
1424	ALL	669182.3	4344181	5.22E-06	30YrCancerDerived_InhSoilDermMMilk	5.22E-06
1686	ALL	669302.3	4344301	5.22E-06	30YrCancerDerived_InhSoilDermMMilk	5.22E-06
1380	ALL	669162.3	4344161	5.22E-06	30YrCancerDerived_InhSoilDermMMilk	5.22E-06
1338	ALL	669142.3	4344141	5.21E-06	30YrCancerDerived_InhSoilDermMMilk	5.21E-06
876	ALL	668522.3	4343861	5.21E-06	30YrCancerDerived_InhSoilDermMMilk	5.21E-06
1205	ALL	668682.3	4344081	5.20E-06	30YrCancerDerived_InhSoilDermMMilk	5.20E-06
1641	ALL	669282.3	4344281	5.17E-06	30YrCancerDerived_InhSoilDermMMilk	5.17E-06
1455	ALL	668782.3	4344201	5.17E-06	30YrCancerDerived_InhSoilDermMMilk	5.17E-06
1732	ALL	669322.3	4344321	5.16E-06	30YrCancerDerived_InhSoilDermMMilk	5.16E-06
1716	ALL	668882.3	4344321	5.14E-06	30YrCancerDerived_InhSoilDermMMilk	5.14E-06
1467	ALL	669202.3	4344201	5.13E-06	30YrCancerDerived_InhSoilDermMMilk	5.13E-06
948	ALL	668562.3	4343921	5.11E-06	30YrCancerDerived_InhSoilDermMMilk	5.11E-06
856	ALL	668502.3	4343841	5.11E-06	30YrCancerDerived_InhSoilDermMMilk	5.11E-06
1164	ALL	668662.3	4344061	5.11E-06	30YrCancerDerived_InhSoilDermMMilk	5.11E-06
572	ALL	668682.3	4343601	5.10E-06	30YrCancerDerived_InhSoilDermMMilk	5.10E-06

1411	ALL	668762.3	4344181	5.10E-06	30YrCancerDerived_InhSoilDermMMilk	5.10E-06
1671	ALL	668862.3	4344301	5.10E-06	30YrCancerDerived_InhSoilDermMMilk	5.10E-06
689	ALL	668762.3	4343681	5.09E-06	30YrCancerDerived_InhSoilDermMMilk	5.09E-06
1597	ALL	669262.3	4344261	5.09E-06	30YrCancerDerived_InhSoilDermMMilk	5.09E-06
530	ALL	668662.3	4343581	5.08E-06	30YrCancerDerived_InhSoilDermMMilk	5.08E-06
803	ALL	668862.3	4343781	5.08E-06	30YrCancerDerived_InhSoilDermMMilk	5.08E-06
724	ALL	668782.3	4343701	5.07E-06	30YrCancerDerived_InhSoilDermMMilk	5.07E-06
846	ALL	668902.3	4343821	5.06E-06	30YrCancerDerived_InhSoilDermMMilk	5.06E-06
488	ALL	668642.3	4343561	5.05E-06	30YrCancerDerived_InhSoilDermMMilk	5.05E-06
1627	ALL	668842.3	4344281	5.05E-06	30YrCancerDerived_InhSoilDermMMilk	5.05E-06
1369	ALL	668742.3	4344161	5.04E-06	30YrCancerDerived_InhSoilDermMMilk	5.04E-06
1554	ALL	669242.3	4344241	5.03E-06	30YrCancerDerived_InhSoilDermMMilk	5.03E-06
922	ALL	668542.3	4343901	5.01E-06	30YrCancerDerived_InhSoilDermMMilk	5.01E-06
1123	ALL	668642.3	4344041	4.99E-06	30YrCancerDerived_InhSoilDermMMilk	4.99E-06
1584	ALL	668822.3	4344261	4.97E-06	30YrCancerDerived_InhSoilDermMMilk	4.97E-06
1511	ALL	669222.3	4344221	4.97E-06	30YrCancerDerived_InhSoilDermMMilk	4.97E-06
1134	ALL	669082.3	4344041	4.97E-06	30YrCancerDerived_InhSoilDermMMilk	4.97E-06
1330	ALL	668722.3	4344141	4.95E-06	30YrCancerDerived_InhSoilDermMMilk	4.95E-06
898	ALL	668522.3	4343881	4.92E-06	30YrCancerDerived_InhSoilDermMMilk	4.92E-06
1541	ALL	668802.3	4344241	4.91E-06	30YrCancerDerived_InhSoilDermMMilk	4.91E-06
1217	ALL	669102.3	4344081	4.91E-06	30YrCancerDerived_InhSoilDermMMilk	4.91E-06
1289	ALL	668702.3	4344121	4.90E-06	30YrCancerDerived_InhSoilDermMMilk	4.90E-06
930	ALL	668982.3	4343901	4.90E-06	30YrCancerDerived_InhSoilDermMMilk	4.90E-06
1085	ALL	668622.3	4344021	4.89E-06	30YrCancerDerived_InhSoilDermMMilk	4.89E-06
1247	ALL	668682.3	4344101	4.85E-06	30YrCancerDerived_InhSoilDermMMilk	4.85E-06
1497	ALL	668782.3	4344221	4.84E-06	30YrCancerDerived_InhSoilDermMMilk	4.84E-06
955	ALL	669002.3	4343921	4.82E-06	30YrCancerDerived_InhSoilDermMMilk	4.82E-06
875	ALL	668502.3	4343861	4.81E-06	30YrCancerDerived_InhSoilDermMMilk	4.81E-06
1051	ALL	668602.3	4344001	4.80E-06	30YrCancerDerived_InhSoilDermMMilk	4.80E-06
1204	ALL	668662.3	4344081	4.79E-06	30YrCancerDerived_InhSoilDermMMilk	4.79E-06
1687	ALL	669322.3	4344301	4.77E-06	30YrCancerDerived_InhSoilDermMMilk	4.77E-06
1454	ALL	668762.3	4344201	4.77E-06	30YrCancerDerived_InhSoilDermMMilk	4.77E-06
1642	ALL	669302.3	4344281	4.75E-06	30YrCancerDerived_InhSoilDermMMilk	4.75E-06
1715	ALL	668862.3	4344321	4.75E-06	30YrCancerDerived_InhSoilDermMMilk	4.75E-06
947	ALL	668542.3	4343921	4.73E-06	30YrCancerDerived_InhSoilDermMMilk	4.73E-06
1670	ALL	668842.3	4344301	4.72E-06	30YrCancerDerived_InhSoilDermMMilk	4.72E-06
1410	ALL	668742.3	4344181	4.71E-06	30YrCancerDerived_InhSoilDermMMilk	4.71E-06
1598	ALL	669282.3	4344261	4.69E-06	30YrCancerDerived_InhSoilDermMMilk	4.69E-06
1163	ALL	668642.3	4344061	4.69E-06	30YrCancerDerived_InhSoilDermMMilk	4.69E-06
1259	ALL	669122.3	4344101	4.68E-06	30YrCancerDerived_InhSoilDermMMilk	4.68E-06
1733	ALL	669342.3	4344321	4.67E-06	30YrCancerDerived_InhSoilDermMMilk	4.67E-06
573	ALL	668702.3	4343601	4.67E-06	30YrCancerDerived_InhSoilDermMMilk	4.67E-06
1425	ALL	669202.3	4344181	4.67E-06	30YrCancerDerived_InhSoilDermMMilk	4.67E-06
1381	ALL	669182.3	4344161	4.66E-06	30YrCancerDerived_InhSoilDermMMilk	4.66E-06
531	ALL	668682.3	4343581	4.66E-06	30YrCancerDerived_InhSoilDermMMilk	4.66E-06
1626	ALL	668822.3	4344281	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06
789	ALL	668862.3	4343761	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06
690	ALL	668782.3	4343681	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06
1368	ALL	668722.3	4344161	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06
921	ALL	668522.3	4343901	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06
725	ALL	668802.3	4343701	4.64E-06	30YrCancerDerived_InhSoilDermMMilk	4.64E-06
823	ALL	668902.3	4343801	4.63E-06	30YrCancerDerived_InhSoilDermMMilk	4.63E-06
489	ALL	668662.3	4343561	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
1555	ALL	669262.3	4344241	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
1175	ALL	669102.3	4344061	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
1339	ALL	669162.3	4344141	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
1583	ALL	668802.3	4344261	4.60E-06	30YrCancerDerived_InhSoilDermMMilk	4.60E-06
1300	ALL	669142.3	4344121	4.59E-06	30YrCancerDerived_InhSoilDermMMilk	4.59E-06
1122	ALL	668622.3	4344041	4.58E-06	30YrCancerDerived_InhSoilDermMMilk	4.58E-06
1329	ALL	668702.3	4344141	4.57E-06	30YrCancerDerived_InhSoilDermMMilk	4.57E-06
444	ALL	668642.3	4343541	4.57E-06	30YrCancerDerived_InhSoilDermMMilk	4.57E-06
897	ALL	668502.3	4343881	4.56E-06	30YrCancerDerived_InhSoilDermMMilk	4.56E-06
1540	ALL	668782.3	4344241	4.55E-06	30YrCancerDerived_InhSoilDermMMilk	4.55E-06
1468	ALL	669222.3	4344201	4.54E-06	30YrCancerDerived_InhSoilDermMMilk	4.54E-06
1288	ALL	668682.3	4344121	4.53E-06	30YrCancerDerived_InhSoilDermMMilk	4.53E-06
1512	ALL	669242.3	4344221	4.51E-06	30YrCancerDerived_InhSoilDermMMilk	4.51E-06
1084	ALL	668602.3	4344021	4.49E-06	30YrCancerDerived_InhSoilDermMMilk	4.49E-06
1246	ALL	668662.3	4344101	4.48E-06	30YrCancerDerived_InhSoilDermMMilk	4.48E-06
1496	ALL	668762.3	4344221	4.48E-06	30YrCancerDerived_InhSoilDermMMilk	4.48E-06
971	ALL	668542.3	4343941	4.48E-06	30YrCancerDerived_InhSoilDermMMilk	4.48E-06
874	ALL	668482.3	4343861	4.47E-06	30YrCancerDerived_InhSoilDermMMilk	4.47E-06
819	ALL	668442.3	4343801	4.47E-06	30YrCancerDerived_InhSoilDermMMilk	4.47E-06
1714	ALL	668842.3	4344321	4.42E-06	30YrCancerDerived_InhSoilDermMMilk	4.42E-06
1203	ALL	668642.3	4344081	4.42E-06	30YrCancerDerived_InhSoilDermMMilk	4.42E-06
1453	ALL	668742.3	4344201	4.42E-06	30YrCancerDerived_InhSoilDermMMilk	4.42E-06
1050	ALL	668582.3	4344001	4.41E-06	30YrCancerDerived_InhSoilDermMMilk	4.41E-06
1135	ALL	669102.3	4344041	4.40E-06	30YrCancerDerived_InhSoilDermMMilk	4.40E-06
1643	ALL	669322.3	4344281	4.39E-06	30YrCancerDerived_InhSoilDermMMilk	4.39E-06
946	ALL	668522.3	4343921	4.38E-06	30YrCancerDerived_InhSoilDermMMilk	4.38E-06
1669	ALL	668822.3	4344301	4.38E-06	30YrCancerDerived_InhSoilDermMMilk	4.38E-06
1409	ALL	668722.3	4344181	4.36E-06	30YrCancerDerived_InhSoilDermMMilk	4.36E-06
1599	ALL	669302.3	4344261	4.35E-06	30YrCancerDerived_InhSoilDermMMilk	4.35E-06
1688	ALL	669342.3	4344301	4.35E-06	30YrCancerDerived_InhSoilDermMMilk	4.35E-06
1218	ALL	669122.3	4344081	4.33E-06	30YrCancerDerived_InhSoilDermMMilk	4.33E-06
920	ALL	668502.3	4343901	4.33E-06	30YrCancerDerived_InhSoilDermMMilk	4.33E-06
1162	ALL	668622.3	4344061	4.32E-06	30YrCancerDerived_InhSoilDermMMilk	4.32E-06
1625	ALL	668802.3	4344281	4.32E-06	30YrCancerDerived_InhSoilDermMMilk	4.32E-06
1556	ALL	669282.3	4344241	4.31E-06	30YrCancerDerived_InhSoilDermMMilk	4.31E-06
574	ALL	668722.3	4343601	4.30E-06	30YrCancerDerived_InhSoilDermMMilk	4.30E-06
790	ALL	668882.3	4343761	4.30E-06	30YrCancerDerived_InhSoilDermMMilk	4.30E-06
532	ALL	668702.3	4343581	4.29E-06	30YrCancerDerived_InhSoilDermMMilk	4.29E-06
1367	ALL	668702.3	4344161	4.29E-06	30YrCancerDerived_InhSoilDermMMilk	4.29E-06
824	ALL	668922.3	4343801	4.29E-06	30YrCancerDerived_InhSoilDermMMilk	4.29E-06
691	ALL	668802.3	4343681	4.28E-06	30YrCancerDerived_InhSoilDermMMilk	4.28E-06
1582	ALL	668782.3	4344261	4.28E-06	30YrCancerDerived_InhSoilDermMMilk	4.28E-06
490	ALL	668682.3	4343561	4.27E-06	30YrCancerDerived_InhSoilDermMMilk	4.27E-06
896	ALL	668482.3	4343881	4.27E-06	30YrCancerDerived_InhSoilDermMMilk	4.27E-06
1734	ALL	669362.3	4344321	4.26E-06	30YrCancerDerived_InhSoilDermMMilk	4.26E-06
1382	ALL	669202.3	4344161	4.24E-06	30YrCancerDerived_InhSoilDermMMilk	4.24E-06
995	ALL	668542.3	4343961	4.24E-06	30YrCancerDerived_InhSoilDermMMilk	4.24E-06
1328	ALL	668682.3	4344141	4.24E-06	30YrCancerDerived_InhSoilDermMMilk	4.24E-06

1513	ALL	669262.3	4344221	4.24E-06	30YrCancerDerived_InhSoilDermMMilk	4.24E-06
1539	ALL	668762.3	4344241	4.23E-06	30YrCancerDerived_InhSoilDermMMilk	4.23E-06
1121	ALL	668602.3	4344041	4.23E-06	30YrCancerDerived_InhSoilDermMMilk	4.23E-06
445	ALL	668662.3	4343541	4.22E-06	30YrCancerDerived_InhSoilDermMMilk	4.22E-06
837	ALL	668442.3	4343821	4.22E-06	30YrCancerDerived_InhSoilDermMMilk	4.22E-06
1426	ALL	669222.3	4344181	4.21E-06	30YrCancerDerived_InhSoilDermMMilk	4.21E-06
1287	ALL	668662.3	4344121	4.20E-06	30YrCancerDerived_InhSoilDermMMilk	4.20E-06
400	ALL	668642.3	4343521	4.18E-06	30YrCancerDerived_InhSoilDermMMilk	4.18E-06
1495	ALL	668742.3	4344221	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-06
1245	ALL	668642.3	4344101	4.16E-06	30YrCancerDerived_InhSoilDermMMilk	4.16E-06
1469	ALL	669242.3	4344201	4.15E-06	30YrCancerDerived_InhSoilDermMMilk	4.15E-06
970	ALL	668522.3	4343941	4.15E-06	30YrCancerDerived_InhSoilDermMMilk	4.15E-06
1340	ALL	669182.3	4344141	4.15E-06	30YrCancerDerived_InhSoilDermMMilk	4.15E-06
1001	ALL	669062.3	4343961	4.14E-06	30YrCancerDerived_InhSoilDermMMilk	4.14E-06
873	ALL	668462.3	4343861	4.14E-06	30YrCancerDerived_InhSoilDermMMilk	4.14E-06
1083	ALL	668582.3	4344021	4.14E-06	30YrCancerDerived_InhSoilDermMMilk	4.14E-06
1713	ALL	668822.3	4344321	4.12E-06	30YrCancerDerived_InhSoilDermMMilk	4.12E-06
1260	ALL	669142.3	4344101	4.12E-06	30YrCancerDerived_InhSoilDermMMilk	4.12E-06
1176	ALL	669122.3	4344061	4.12E-06	30YrCancerDerived_InhSoilDermMMilk	4.12E-06
1301	ALL	669162.3	4344121	4.11E-06	30YrCancerDerived_InhSoilDermMMilk	4.11E-06
1452	ALL	668722.3	4344201	4.11E-06	30YrCancerDerived_InhSoilDermMMilk	4.11E-06
945	ALL	668502.3	4343921	4.10E-06	30YrCancerDerived_InhSoilDermMMilk	4.10E-06
1202	ALL	668622.3	4344081	4.09E-06	30YrCancerDerived_InhSoilDermMMilk	4.09E-06
1668	ALL	668802.3	4344301	4.08E-06	30YrCancerDerived_InhSoilDermMMilk	4.08E-06
1644	ALL	669342.3	4344281	4.07E-06	30YrCancerDerived_InhSoilDermMMilk	4.07E-06
919	ALL	668482.3	4343901	4.07E-06	30YrCancerDerived_InhSoilDermMMilk	4.07E-06
1049	ALL	668562.3	4344001	4.07E-06	30YrCancerDerived_InhSoilDermMMilk	4.07E-06
1408	ALL	668702.3	4344181	4.05E-06	30YrCancerDerived_InhSoilDermMMilk	4.05E-06
1600	ALL	669322.3	4344261	4.05E-06	30YrCancerDerived_InhSoilDermMMilk	4.05E-06
1624	ALL	668782.3	4344281	4.03E-06	30YrCancerDerived_InhSoilDermMMilk	4.03E-06
1557	ALL	669302.3	4344241	4.03E-06	30YrCancerDerived_InhSoilDermMMilk	4.03E-06
855	ALL	668442.3	4343841	4.01E-06	30YrCancerDerived_InhSoilDermMMilk	4.01E-06
1022	ALL	668542.3	4343981	4.00E-06	30YrCancerDerived_InhSoilDermMMilk	4.00E-06
1514	ALL	669282.3	4344221	4.00E-06	30YrCancerDerived_InhSoilDermMMilk	4.00E-06
1581	ALL	668762.3	4344261	4.00E-06	30YrCancerDerived_InhSoilDermMMilk	4.00E-06
1161	ALL	668602.3	4344061	3.99E-06	30YrCancerDerived_InhSoilDermMMilk	3.99E-06
768	ALL	668882.3	4343741	3.99E-06	30YrCancerDerived_InhSoilDermMMilk	3.99E-06
1689	ALL	669362.3	4344301	3.99E-06	30YrCancerDerived_InhSoilDermMMilk	3.99E-06
692	ALL	668822.3	4343681	3.99E-06	30YrCancerDerived_InhSoilDermMMilk	3.99E-06
1366	ALL	668682.3	4344161	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06
895	ALL	668462.3	4343881	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06
575	ALL	668742.3	4343601	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06
533	ALL	668722.3	4343581	3.97E-06	30YrCancerDerived_InhSoilDermMMilk	3.97E-06
491	ALL	668702.3	4343561	3.96E-06	30YrCancerDerived_InhSoilDermMMilk	3.96E-06
1136	ALL	669122.3	4344041	3.96E-06	30YrCancerDerived_InhSoilDermMMilk	3.96E-06
1538	ALL	668742.3	4344241	3.95E-06	30YrCancerDerived_InhSoilDermMMilk	3.95E-06
1327	ALL	668662.3	4344141	3.94E-06	30YrCancerDerived_InhSoilDermMMilk	3.94E-06
994	ALL	668522.3	4343961	3.93E-06	30YrCancerDerived_InhSoilDermMMilk	3.93E-06
446	ALL	668682.3	4343541	3.92E-06	30YrCancerDerived_InhSoilDermMMilk	3.92E-06
55	ALL	668482.3	4343361	3.92E-06	30YrCancerDerived_InhSoilDermMMilk	3.92E-06
1470	ALL	669262.3	4344201	3.91E-06	30YrCancerDerived_InhSoilDermMMilk	3.91E-06
1286	ALL	668642.3	4344121	3.91E-06	30YrCancerDerived_InhSoilDermMMilk	3.91E-06
1494	ALL	668722.3	4344221	3.90E-06	30YrCancerDerived_InhSoilDermMMilk	3.90E-06
1120	ALL	668582.3	4344041	3.90E-06	30YrCancerDerived_InhSoilDermMMilk	3.90E-06
1219	ALL	669142.3	4344081	3.90E-06	30YrCancerDerived_InhSoilDermMMilk	3.90E-06
1735	ALL	669382.3	4344321	3.89E-06	30YrCancerDerived_InhSoilDermMMilk	3.89E-06
1383	ALL	669222.3	4344161	3.89E-06	30YrCancerDerived_InhSoilDermMMilk	3.89E-06
401	ALL	668662.3	4343521	3.89E-06	30YrCancerDerived_InhSoilDermMMilk	3.89E-06
969	ALL	668502.3	4343941	3.88E-06	30YrCancerDerived_InhSoilDermMMilk	3.88E-06
1427	ALL	669242.3	4344181	3.87E-06	30YrCancerDerived_InhSoilDermMMilk	3.87E-06
944	ALL	668482.3	4343921	3.87E-06	30YrCancerDerived_InhSoilDermMMilk	3.87E-06
357	ALL	668642.3	4343501	3.86E-06	30YrCancerDerived_InhSoilDermMMilk	3.86E-06
1244	ALL	668622.3	4344101	3.86E-06	30YrCancerDerived_InhSoilDermMMilk	3.86E-06
1712	ALL	668802.3	4344321	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
872	ALL	668442.3	4343861	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
1096	ALL	669122.3	4344021	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
1451	ALL	668702.3	4344201	3.84E-06	30YrCancerDerived_InhSoilDermMMilk	3.84E-06
1002	ALL	669082.3	4343961	3.84E-06	30YrCancerDerived_InhSoilDermMMilk	3.84E-06
1082	ALL	668562.3	4344021	3.83E-06	30YrCancerDerived_InhSoilDermMMilk	3.83E-06
918	ALL	668462.3	4343901	3.82E-06	30YrCancerDerived_InhSoilDermMMilk	3.82E-06
1667	ALL	668782.3	4344301	3.82E-06	30YrCancerDerived_InhSoilDermMMilk	3.82E-06
1601	ALL	669342.3	4344261	3.79E-06	30YrCancerDerived_InhSoilDermMMilk	3.79E-06
1407	ALL	668682.3	4344181	3.78E-06	30YrCancerDerived_InhSoilDermMMilk	3.78E-06
1048	ALL	668542.3	4344001	3.78E-06	30YrCancerDerived_InhSoilDermMMilk	3.78E-06
1201	ALL	668602.3	4344081	3.78E-06	30YrCancerDerived_InhSoilDermMMilk	3.78E-06
1623	ALL	668762.3	4344281	3.78E-06	30YrCancerDerived_InhSoilDermMMilk	3.78E-06
1558	ALL	669322.3	4344241	3.76E-06	30YrCancerDerived_InhSoilDermMMilk	3.76E-06
1341	ALL	669202.3	4344141	3.76E-06	30YrCancerDerived_InhSoilDermMMilk	3.76E-06
1515	ALL	669302.3	4344221	3.76E-06	30YrCancerDerived_InhSoilDermMMilk	3.76E-06
1645	ALL	669362.3	4344281	3.75E-06	30YrCancerDerived_InhSoilDermMMilk	3.75E-06
1177	ALL	669142.3	4344061	3.74E-06	30YrCancerDerived_InhSoilDermMMilk	3.74E-06
1580	ALL	668742.3	4344261	3.74E-06	30YrCancerDerived_InhSoilDermMMilk	3.74E-06
693	ALL	668842.3	4343681	3.73E-06	30YrCancerDerived_InhSoilDermMMilk	3.73E-06
1471	ALL	669282.3	4344201	3.73E-06	30YrCancerDerived_InhSoilDermMMilk	3.73E-06
665	ALL	668822.3	4343661	3.72E-06	30YrCancerDerived_InhSoilDermMMilk	3.72E-06
1021	ALL	668522.3	4343981	3.72E-06	30YrCancerDerived_InhSoilDermMMilk	3.72E-06
1261	ALL	669162.3	4344101	3.72E-06	30YrCancerDerived_InhSoilDermMMilk	3.72E-06
1302	ALL	669182.3	4344121	3.72E-06	30YrCancerDerived_InhSoilDermMMilk	3.72E-06
894	ALL	668442.3	4343881	3.71E-06	30YrCancerDerived_InhSoilDermMMilk	3.71E-06
1365	ALL	668662.3	4344161	3.71E-06	30YrCancerDerived_InhSoilDermMMilk	3.71E-06
576	ALL	668762.3	4343601	3.70E-06	30YrCancerDerived_InhSoilDermMMilk	3.70E-06
1537	ALL	668722.3	4344241	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06
534	ALL	668742.3	4343581	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06
1160	ALL	668582.3	4344061	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06
492	ALL	668722.3	4343561	3.68E-06	30YrCancerDerived_InhSoilDermMMilk	3.68E-06
993	ALL	668502.3	4343961	3.68E-06	30YrCancerDerived_InhSoilDermMMilk	3.68E-06
968	ALL	668482.3	4343941	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06
1326	ALL	668642.3	4344141	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06
104	ALL	668522.3	4343381	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06
1690	ALL	669382.3	4344301	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06
447	ALL	668702.3	4343541	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06

943	ALL	668462.3	4343921	3.65E-06	30YrCancerDerived_InhSoilDermMMilk	3.65E-06
1493	ALL	668702.3	4344221	3.65E-06	30YrCancerDerived_InhSoilDermMMilk	3.65E-06
1428	ALL	669262.3	4344181	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06
1119	ALL	668562.3	4344041	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
1285	ALL	668622.3	4344121	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
402	ALL	668682.3	4343521	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
1137	ALL	669142.3	4344041	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
1711	ALL	668782.3	4344321	3.62E-06	30YrCancerDerived_InhSoilDermMMilk	3.62E-06
1384	ALL	669242.3	4344161	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06
56	ALL	668502.3	4343361	3.60E-06	30YrCancerDerived_InhSoilDermMMilk	3.60E-06
358	ALL	668662.3	4343501	3.60E-06	30YrCancerDerived_InhSoilDermMMilk	3.60E-06
1450	ALL	668682.3	4344201	3.60E-06	30YrCancerDerived_InhSoilDermMMilk	3.60E-06
1081	ALL	668542.3	4344021	3.60E-06	30YrCancerDerived_InhSoilDermMMilk	3.60E-06
1243	ALL	668602.3	4344101	3.59E-06	30YrCancerDerived_InhSoilDermMMilk	3.59E-06
314	ALL	668642.3	4343481	3.58E-06	30YrCancerDerived_InhSoilDermMMilk	3.58E-06
917	ALL	668442.3	4343901	3.58E-06	30YrCancerDerived_InhSoilDermMMilk	3.58E-06
1666	ALL	668762.3	4344301	3.58E-06	30YrCancerDerived_InhSoilDermMMilk	3.58E-06
1736	ALL	669402.3	4344321	3.58E-06	30YrCancerDerived_InhSoilDermMMilk	3.58E-06
1097	ALL	669142.3	4344021	3.56E-06	30YrCancerDerived_InhSoilDermMMilk	3.56E-06
1622	ALL	668742.3	4344281	3.55E-06	30YrCancerDerived_InhSoilDermMMilk	3.55E-06
1220	ALL	669162.3	4344081	3.55E-06	30YrCancerDerived_InhSoilDermMMilk	3.55E-06
1559	ALL	669342.3	4344241	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
1047	ALL	668522.3	4344001	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
1602	ALL	669362.3	4344261	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
1406	ALL	668662.3	4344181	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
1472	ALL	669302.3	4344201	3.53E-06	30YrCancerDerived_InhSoilDermMMilk	3.53E-06
1516	ALL	669322.3	4344221	3.52E-06	30YrCancerDerived_InhSoilDermMMilk	3.52E-06
1579	ALL	668722.3	4344261	3.51E-06	30YrCancerDerived_InhSoilDermMMilk	3.51E-06
1200	ALL	668582.3	4344081	3.50E-06	30YrCancerDerived_InhSoilDermMMilk	3.50E-06
1020	ALL	668502.3	4343981	3.50E-06	30YrCancerDerived_InhSoilDermMMilk	3.50E-06
666	ALL	668842.3	4343661	3.50E-06	30YrCancerDerived_InhSoilDermMMilk	3.50E-06
992	ALL	668482.3	4343961	3.49E-06	30YrCancerDerived_InhSoilDermMMilk	3.49E-06
643	ALL	668822.3	4343641	3.49E-06	30YrCancerDerived_InhSoilDermMMilk	3.49E-06
694	ALL	668862.3	4343681	3.49E-06	30YrCancerDerived_InhSoilDermMMilk	3.49E-06
967	ALL	668462.3	4343941	3.49E-06	30YrCancerDerived_InhSoilDermMMilk	3.49E-06
1429	ALL	669282.3	4344181	3.48E-06	30YrCancerDerived_InhSoilDermMMilk	3.48E-06
1342	ALL	669222.3	4344141	3.47E-06	30YrCancerDerived_InhSoilDermMMilk	3.47E-06
577	ALL	668782.3	4343601	3.47E-06	30YrCancerDerived_InhSoilDermMMilk	3.47E-06
1536	ALL	668702.3	4344241	3.47E-06	30YrCancerDerived_InhSoilDermMMilk	3.47E-06
1646	ALL	669382.3	4344281	3.46E-06	30YrCancerDerived_InhSoilDermMMilk	3.46E-06
535	ALL	668762.3	4343581	3.46E-06	30YrCancerDerived_InhSoilDermMMilk	3.46E-06
1364	ALL	668642.3	4344161	3.45E-06	30YrCancerDerived_InhSoilDermMMilk	3.45E-06
1159	ALL	668562.3	4344061	3.45E-06	30YrCancerDerived_InhSoilDermMMilk	3.45E-06
942	ALL	668442.3	4343921	3.44E-06	30YrCancerDerived_InhSoilDermMMilk	3.44E-06
493	ALL	668742.3	4343561	3.44E-06	30YrCancerDerived_InhSoilDermMMilk	3.44E-06
448	ALL	668722.3	4343541	3.43E-06	30YrCancerDerived_InhSoilDermMMilk	3.43E-06
791	ALL	668942.3	4343761	3.43E-06	30YrCancerDerived_InhSoilDermMMilk	3.43E-06
1492	ALL	668682.3	4344221	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
1178	ALL	669162.3	4344061	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
1325	ALL	668622.3	4344141	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
1118	ALL	668542.3	4344041	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
1385	ALL	669262.3	4344161	3.41E-06	30YrCancerDerived_InhSoilDermMMilk	3.41E-06
403	ALL	668702.3	4343521	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
1710	ALL	668762.3	4344321	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
105	ALL	668542.3	4343381	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
931	ALL	669062.3	4343901	3.39E-06	30YrCancerDerived_InhSoilDermMMilk	3.39E-06
1080	ALL	668522.3	4344021	3.39E-06	30YrCancerDerived_InhSoilDermMMilk	3.39E-06
1691	ALL	669402.3	4344301	3.38E-06	30YrCancerDerived_InhSoilDermMMilk	3.38E-06
1284	ALL	668602.3	4344121	3.38E-06	30YrCancerDerived_InhSoilDermMMilk	3.38E-06
1262	ALL	669182.3	4344101	3.38E-06	30YrCancerDerived_InhSoilDermMMilk	3.38E-06
1303	ALL	669202.3	4344121	3.38E-06	30YrCancerDerived_InhSoilDermMMilk	3.38E-06
1449	ALL	668662.3	4344201	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
359	ALL	668682.3	4343501	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
1665	ALL	668742.3	4344301	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
315	ALL	668662.3	4343481	3.36E-06	30YrCancerDerived_InhSoilDermMMilk	3.36E-06
1046	ALL	668502.3	4344001	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
1560	ALL	669362.3	4344241	3.34E-06	30YrCancerDerived_InhSoilDermMMilk	3.34E-06
57	ALL	668522.3	4343361	3.34E-06	30YrCancerDerived_InhSoilDermMMilk	3.34E-06
1621	ALL	668722.3	4344281	3.34E-06	30YrCancerDerived_InhSoilDermMMilk	3.34E-06
1138	ALL	669162.3	4344041	3.34E-06	30YrCancerDerived_InhSoilDermMMilk	3.34E-06
1019	ALL	668482.3	4343981	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
1242	ALL	668582.3	4344101	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
1517	ALL	669342.3	4344221	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
271	ALL	668642.3	4343461	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
991	ALL	668462.3	4343961	3.32E-06	30YrCancerDerived_InhSoilDermMMilk	3.32E-06
1473	ALL	669322.3	4344201	3.32E-06	30YrCancerDerived_InhSoilDermMMilk	3.32E-06
1430	ALL	669302.3	4344181	3.31E-06	30YrCancerDerived_InhSoilDermMMilk	3.31E-06
1578	ALL	668702.3	4344261	3.30E-06	30YrCancerDerived_InhSoilDermMMilk	3.30E-06
1098	ALL	669162.3	4344021	3.30E-06	30YrCancerDerived_InhSoilDermMMilk	3.30E-06
966	ALL	668442.3	4343941	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
1737	ALL	669422.3	4344321	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
1405	ALL	668642.3	4344181	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
644	ALL	668842.3	4343641	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
1343	ALL	669242.3	4344141	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
667	ALL	668862.3	4343661	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
611	ALL	668822.3	4343621	3.28E-06	30YrCancerDerived_InhSoilDermMMilk	3.28E-06
1199	ALL	668562.3	4344081	3.28E-06	30YrCancerDerived_InhSoilDermMMilk	3.28E-06
1603	ALL	669382.3	4344261	3.28E-06	30YrCancerDerived_InhSoilDermMMilk	3.28E-06
578	ALL	668802.3	4343601	3.28E-06	30YrCancerDerived_InhSoilDermMMilk	3.28E-06
695	ALL	668882.3	4343681	3.27E-06	30YrCancerDerived_InhSoilDermMMilk	3.27E-06
1535	ALL	668682.3	4344241	3.26E-06	30YrCancerDerived_InhSoilDermMMilk	3.26E-06
536	ALL	668782.3	4343581	3.26E-06	30YrCancerDerived_InhSoilDermMMilk	3.26E-06
1158	ALL	668542.3	4344061	3.26E-06	30YrCancerDerived_InhSoilDermMMilk	3.26E-06
1386	ALL	669282.3	4344161	3.25E-06	30YrCancerDerived_InhSoilDermMMilk	3.25E-06
494	ALL	668762.3	4343561	3.24E-06	30YrCancerDerived_InhSoilDermMMilk	3.24E-06
1117	ALL	668522.3	4344041	3.23E-06	30YrCancerDerived_InhSoilDermMMilk	3.23E-06
1363	ALL	668622.3	4344161	3.23E-06	30YrCancerDerived_InhSoilDermMMilk	3.23E-06
1221	ALL	669182.3	4344081	3.23E-06	30YrCancerDerived_InhSoilDermMMilk	3.23E-06
1491	ALL	668662.3	4344221	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-06
449	ALL	668742.3	4343541	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-06
1647	ALL	669402.3	4344281	3.21E-06	30YrCancerDerived_InhSoilDermMMilk	3.21E-06

1079	ALL	668502.3	4344021	3.21E-06	30YrCancerDerived_InhSoilDermMMilk	3.21E-06
1709	ALL	668742.3	4344321	3.21E-06	30YrCancerDerived_InhSoilDermMMilk	3.21E-06
404	ALL	668722.3	4343521	3.21E-06	30YrCancerDerived_InhSoilDermMMilk	3.21E-06
1324	ALL	668602.3	4344141	3.20E-06	30YrCancerDerived_InhSoilDermMMilk	3.20E-06
1045	ALL	668482.3	4344001	3.20E-06	30YrCancerDerived_InhSoilDermMMilk	3.20E-06
1344	ALL	669262.3	4344141	3.19E-06	30YrCancerDerived_InhSoilDermMMilk	3.19E-06
932	ALL	669082.3	4343901	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
1061	ALL	669162.3	4344001	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
1664	ALL	668722.3	4344301	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
825	ALL	668982.3	4343801	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
360	ALL	668702.3	4343501	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
1018	ALL	668462.3	4343981	3.17E-06	30YrCancerDerived_InhSoilDermMMilk	3.17E-06
1283	ALL	668582.3	4344121	3.17E-06	30YrCancerDerived_InhSoilDermMMilk	3.17E-06
316	ALL	668682.3	4343481	3.16E-06	30YrCancerDerived_InhSoilDermMMilk	3.16E-06
1448	ALL	668642.3	4344201	3.15E-06	30YrCancerDerived_InhSoilDermMMilk	3.15E-06
990	ALL	668442.3	4343961	3.15E-06	30YrCancerDerived_InhSoilDermMMilk	3.15E-06
1518	ALL	669362.3	4344221	3.15E-06	30YrCancerDerived_InhSoilDermMMilk	3.15E-06
1304	ALL	669222.3	4344121	3.15E-06	30YrCancerDerived_InhSoilDermMMilk	3.15E-06
1620	ALL	668702.3	4344281	3.14E-06	30YrCancerDerived_InhSoilDermMMilk	3.14E-06
1474	ALL	669342.3	4344201	3.14E-06	30YrCancerDerived_InhSoilDermMMilk	3.14E-06
1241	ALL	668562.3	4344101	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
1692	ALL	669422.3	4344301	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
1179	ALL	669182.3	4344061	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
272	ALL	668662.3	4343461	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
1431	ALL	669322.3	4344181	3.12E-06	30YrCancerDerived_InhSoilDermMMilk	3.12E-06
1561	ALL	669382.3	4344241	3.12E-06	30YrCancerDerived_InhSoilDermMMilk	3.12E-06
58	ALL	668542.3	4343361	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-06
1577	ALL	668682.3	4344261	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-06
1198	ALL	668542.3	4344081	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-06
612	ALL	668842.3	4343621	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
804	ALL	668982.3	4343781	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
579	ALL	668822.3	4343601	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
645	ALL	668862.3	4343641	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
230	ALL	668642.3	4343441	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
1387	ALL	669302.3	4344161	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
537	ALL	668802.3	4343581	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
1263	ALL	669202.3	4344101	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
1157	ALL	668522.3	4344061	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
668	ALL	668882.3	4343661	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
1404	ALL	668622.3	4344181	3.08E-06	30YrCancerDerived_InhSoilDermMMilk	3.08E-06
1534	ALL	668662.3	4344241	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
1116	ALL	668502.3	4344041	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
495	ALL	668782.3	4343561	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
1078	ALL	668482.3	4344021	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-06
1139	ALL	669182.3	4344041	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-06
1362	ALL	668602.3	4344161	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-06
1604	ALL	669402.3	4344261	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
1738	ALL	669442.3	4344321	3.04E-06	30YrCancerDerived_InhSoilDermMMilk	3.04E-06
1044	ALL	668462.3	4344001	3.04E-06	30YrCancerDerived_InhSoilDermMMilk	3.04E-06
450	ALL	668762.3	4343541	3.04E-06	30YrCancerDerived_InhSoilDermMMilk	3.04E-06
1099	ALL	669182.3	4344021	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
1345	ALL	669282.3	4344141	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
1708	ALL	668722.3	4344321	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
1490	ALL	668642.3	4344221	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
1323	ALL	668582.3	4344141	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
405	ALL	668742.3	4343521	3.02E-06	30YrCancerDerived_InhSoilDermMMilk	3.02E-06
1017	ALL	668442.3	4343981	3.01E-06	30YrCancerDerived_InhSoilDermMMilk	3.01E-06
1663	ALL	668702.3	4344301	3.00E-06	30YrCancerDerived_InhSoilDermMMilk	3.00E-06
361	ALL	668722.3	4343501	3.00E-06	30YrCancerDerived_InhSoilDermMMilk	3.00E-06
1305	ALL	669242.3	4344121	3.00E-06	30YrCancerDerived_InhSoilDermMMilk	3.00E-06
1282	ALL	668562.3	4344121	3.00E-06	30YrCancerDerived_InhSoilDermMMilk	3.00E-06
317	ALL	668702.3	4343481	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06
1648	ALL	669422.3	4344281	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06
1519	ALL	669382.3	4344221	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06
1240	ALL	668542.3	4344101	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06
1475	ALL	669362.3	4344201	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06
1619	ALL	668682.3	4344281	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06
273	ALL	668682.3	4343461	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
1447	ALL	668622.3	4344201	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
1432	ALL	669342.3	4344181	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06
1197	ALL	668522.3	4344081	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06
1062	ALL	669182.3	4344001	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06
1576	ALL	668662.3	4344261	2.94E-06	30YrCancerDerived_InhSoilDermMMilk	2.94E-06
1156	ALL	668502.3	4344061	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
580	ALL	668842.3	4343601	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
1306	ALL	669262.3	4344121	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
538	ALL	668822.3	4343581	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
613	ALL	668862.3	4343621	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
1115	ALL	668482.3	4344041	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
1403	ALL	668602.3	4344181	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
1222	ALL	669202.3	4344081	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
231	ALL	668662.3	4343441	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
1388	ALL	669322.3	4344161	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
496	ALL	668802.3	4343561	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
59	ALL	668562.3	4343361	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
646	ALL	668882.3	4343641	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
1562	ALL	669402.3	4344241	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
1077	ALL	668462.3	4344021	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
669	ALL	668902.3	4343661	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
1693	ALL	669442.3	4344301	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
1533	ALL	668642.3	4344241	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
1361	ALL	668582.3	4344161	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
1043	ALL	668442.3	4344001	2.89E-06	30YrCancerDerived_InhSoilDermMMilk	2.89E-06
189	ALL	668642.3	4343421	2.89E-06	30YrCancerDerived_InhSoilDermMMilk	2.89E-06
1264	ALL	669222.3	4344101	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
451	ALL	668782.3	4343541	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
1346	ALL	669302.3	4344141	2.87E-06	30YrCancerDerived_InhSoilDermMMilk	2.87E-06
1707	ALL	668702.3	4344321	2.87E-06	30YrCancerDerived_InhSoilDermMMilk	2.87E-06
1322	ALL	668562.3	4344141	2.87E-06	30YrCancerDerived_InhSoilDermMMilk	2.87E-06
805	ALL	669002.3	4343781	2.87E-06	30YrCancerDerived_InhSoilDermMMilk	2.87E-06
406	ALL	668762.3	4343521	2.86E-06	30YrCancerDerived_InhSoilDermMMilk	2.86E-06

1489	ALL	668622.3	4344221	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
1605	ALL	669422.3	4344261	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
1281	ALL	668542.3	4344121	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
362	ALL	668742.3	4343501	2.84E-06	30YrCancerDerived_InhSoilDermMMilk	2.84E-06
1662	ALL	668682.3	4344301	2.84E-06	30YrCancerDerived_InhSoilDermMMilk	2.84E-06
1180	ALL	669202.3	4344061	2.84E-06	30YrCancerDerived_InhSoilDermMMilk	2.84E-06
1029	ALL	669182.3	4343981	2.84E-06	30YrCancerDerived_InhSoilDermMMilk	2.84E-06
769	ALL	668982.3	4343741	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
318	ALL	668722.3	4343481	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
1239	ALL	668522.3	4344101	2.82E-06	30YrCancerDerived_InhSoilDermMMilk	2.82E-06
274	ALL	668702.3	4343461	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
1618	ALL	668662.3	4344281	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
1196	ALL	668502.3	4344081	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
1476	ALL	669382.3	4344201	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
1433	ALL	669362.3	4344181	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
1307	ALL	669282.3	4344121	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
1446	ALL	668602.3	4344201	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
1155	ALL	668482.3	4344061	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
1140	ALL	669202.3	4344041	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
1649	ALL	669442.3	4344281	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
1114	ALL	668462.3	4344041	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
232	ALL	668682.3	4343441	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
1520	ALL	669402.3	4344221	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
1575	ALL	668642.3	4344261	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
1402	ALL	668582.3	4344181	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
1389	ALL	669342.3	4344161	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
497	ALL	668822.3	4343561	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
539	ALL	668842.3	4343581	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
1076	ALL	668442.3	4344021	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
1100	ALL	669202.3	4344021	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
614	ALL	668882.3	4343621	2.76E-06	30YrCancerDerived_InhSoilDermMMilk	2.76E-06
581	ALL	668862.3	4343601	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
1360	ALL	668562.3	4344161	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
647	ALL	668902.3	4343641	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
452	ALL	668802.3	4343541	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
60	ALL	668582.3	4343361	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
1265	ALL	669242.3	4344101	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
1532	ALL	668622.3	4344241	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06
190	ALL	668662.3	4343421	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06
670	ALL	668922.3	4343661	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06
1321	ALL	668542.3	4344141	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06
1347	ALL	669322.3	4344141	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06
1563	ALL	669422.3	4344241	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06
1706	ALL	668682.3	4344321	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06
1003	ALL	669182.3	4343961	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06
407	ALL	668782.3	4343521	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06
1280	ALL	668522.3	4344121	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06
1223	ALL	669222.3	4344081	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
883	ALL	669082.7	4343856	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
726	ALL	668962.3	4343701	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
148	ALL	668642.3	4343401	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
363	ALL	668762.3	4343501	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
748	ALL	668982.3	4343721	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
1488	ALL	668602.3	4344221	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
1063	ALL	669202.3	4344001	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
1661	ALL	668662.3	4344301	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
1238	ALL	668502.3	4344101	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
1195	ALL	668482.3	4344081	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
319	ALL	668742.3	4343481	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
770	ALL	669002.3	4343741	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
1266	ALL	669262.3	4344101	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
275	ALL	668722.3	4343461	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
1606	ALL	669442.3	4344261	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
1154	ALL	668462.3	4344061	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
1617	ALL	668642.3	4344281	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
1445	ALL	668582.3	4344201	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
1308	ALL	669302.3	4344121	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
1113	ALL	668442.3	4344041	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
1434	ALL	669382.3	4344181	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
106	ALL	668622.3	4343381	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
233	ALL	668702.3	4343441	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
806	ALL	669022.3	4343781	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
1401	ALL	668562.3	4344181	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
1390	ALL	669362.3	4344161	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
1574	ALL	668622.3	4344261	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
1477	ALL	669402.3	4344201	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
1181	ALL	669222.3	4344061	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
453	ALL	668822.3	4343541	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
1359	ALL	668542.3	4344161	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
498	ALL	668842.3	4343561	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
1030	ALL	669202.3	4343981	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06
191	ALL	668682.3	4343421	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06
1521	ALL	669422.3	4344221	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
1320	ALL	668522.3	4344141	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
61	ALL	668602.3	4343361	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
615	ALL	668902.3	4343621	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
1531	ALL	668602.3	4344241	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
408	ALL	668802.3	4343521	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
540	ALL	668862.3	4343581	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
648	ALL	668922.3	4343641	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
582	ALL	668882.3	4343601	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
1141	ALL	669222.3	4344041	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
1279	ALL	668502.3	4344121	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
1705	ALL	668662.3	4344321	2.58E-06	30YrCancerDerived_InhSoilDermMMilk	2.58E-06
1237	ALL	668482.3	4344101	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
696	ALL	668962.3	4343681	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
1267	ALL	669282.3	4344101	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
149	ALL	668662.3	4343401	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
727	ALL	668982.3	4343701	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
1348	ALL	669342.3	4344141	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
364	ALL	668782.3	4343501	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06

749	ALL	669002.3	4343721	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
1194	ALL	668462.3	4344081	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
1487	ALL	668582.3	4344221	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
1660	ALL	668642.3	4344301	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
1224	ALL	669242.3	4344081	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
1101	ALL	669222.3	4344021	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
1564	ALL	669442.3	4344241	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
1153	ALL	668442.3	4344061	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
320	ALL	668762.3	4343481	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
1444	ALL	668562.3	4344201	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
1616	ALL	668622.3	4344281	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
276	ALL	668742.3	4343461	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
1004	ALL	669202.3	4343961	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
1309	ALL	669322.3	4344121	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
107	ALL	668642.3	4343381	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
234	ALL	668722.3	4343441	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
1400	ALL	668542.3	4344181	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
1391	ALL	669382.3	4344161	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
1573	ALL	668602.3	4344261	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
1358	ALL	668522.3	4344161	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
1435	ALL	669402.3	4344181	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
1064	ALL	669222.3	4344001	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
454	ALL	668842.3	4343541	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-06
192	ALL	668702.3	4343421	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-06
1319	ALL	668502.3	4344141	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-06
409	ALL	668822.3	4343521	2.48E-06	30YrCancerDerived_InhSoilDermMMilk	2.48E-06
1478	ALL	669422.3	4344201	2.48E-06	30YrCancerDerived_InhSoilDermMMilk	2.48E-06
1278	ALL	668482.3	4344121	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
1530	ALL	668582.3	4344241	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
1225	ALL	669262.3	4344081	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
62	ALL	668622.3	4343361	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
1182	ALL	669242.3	4344061	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-06
1236	ALL	668462.3	4344101	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-06
616	ALL	668922.3	4343621	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-06
499	ALL	668862.3	4343561	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-06
1704	ALL	668642.3	4344321	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
365	ALL	668802.3	4343501	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
583	ALL	668902.3	4343601	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
1268	ALL	669302.3	4344101	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
150	ALL	668682.3	4343401	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
1193	ALL	668442.3	4344081	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
697	ALL	668982.3	4343681	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
1522	ALL	669442.3	4344221	2.44E-06	30YrCancerDerived_InhSoilDermMMilk	2.44E-06
541	ALL	668882.3	4343581	2.44E-06	30YrCancerDerived_InhSoilDermMMilk	2.44E-06
1486	ALL	668562.3	4344221	2.44E-06	30YrCancerDerived_InhSoilDermMMilk	2.44E-06
1349	ALL	669362.3	4344141	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
1659	ALL	668622.3	4344301	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
1031	ALL	669222.3	4343981	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
321	ALL	668782.3	4343481	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
1443	ALL	668542.3	4344201	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
1142	ALL	669242.3	4344041	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
108	ALL	668662.3	4343381	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
1615	ALL	668602.3	4344281	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
1399	ALL	668522.3	4344181	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
771	ALL	669042.3	4343741	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
277	ALL	668762.3	4343461	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
1357	ALL	668502.3	4344161	2.39E-06	30YrCancerDerived_InhSoilDermMMilk	2.39E-06
235	ALL	668742.3	4343441	2.39E-06	30YrCancerDerived_InhSoilDermMMilk	2.39E-06
1318	ALL	668482.3	4344141	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
1226	ALL	669282.3	4344081	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
1572	ALL	668582.3	4344261	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
193	ALL	668722.3	4343421	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
1392	ALL	669402.3	4344161	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
1102	ALL	669242.3	4344021	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
410	ALL	668842.3	4343521	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
1277	ALL	668462.3	4344121	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
1310	ALL	669342.3	4344121	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
826	ALL	669062.3	4343801	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
1436	ALL	669422.3	4344181	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
455	ALL	668862.3	4343541	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
907	ALL	669182.3	4343881	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
1235	ALL	668442.3	4344101	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
1529	ALL	668562.3	4344241	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
366	ALL	668822.3	4343501	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
807	ALL	669062.3	4343781	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
63	ALL	668642.3	4343361	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
1005	ALL	669222.3	4343961	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
151	ALL	668702.3	4343401	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
1183	ALL	669262.3	4344061	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
1350	ALL	669382.3	4344141	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
1479	ALL	669442.3	4344201	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
617	ALL	668942.3	4343621	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
1703	ALL	668622.3	4344321	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
584	ALL	668922.3	4343601	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
698	ALL	669002.3	4343681	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
1269	ALL	669322.3	4344101	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
1485	ALL	668542.3	4344221	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
542	ALL	668902.3	4343581	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
1065	ALL	669242.3	4344001	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
322	ALL	668802.3	4343481	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
750	ALL	669042.3	4343721	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
500	ALL	668882.3	4343561	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
1658	ALL	668602.3	4344301	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-06
1442	ALL	668522.3	4344201	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-06
1398	ALL	668502.3	4344181	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
109	ALL	668682.3	4343381	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
1227	ALL	669302.3	4344081	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
1356	ALL	668482.3	4344161	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
1614	ALL	668582.3	4344281	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
278	ALL	668782.3	4343461	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
772	ALL	669062.3	4343741	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06

1317	ALL	668462.3	4344141	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
236	ALL	668762.3	4343441	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
1184	ALL	669282.3	4344061	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
1571	ALL	668562.3	4344261	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
1276	ALL	668442.3	4344121	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
411	ALL	668862.3	4343521	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
194	ALL	668742.3	4343421	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
1032	ALL	669242.3	4343981	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
1393	ALL	669422.3	4344161	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
1143	ALL	669262.3	4344041	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
1311	ALL	669362.3	4344121	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
367	ALL	668842.3	4343501	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-06
1528	ALL	668542.3	4344241	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-06
1351	ALL	669402.3	4344141	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
1437	ALL	669442.3	4344181	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
618	ALL	668962.3	4343621	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
152	ALL	668722.3	4343401	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
64	ALL	668662.3	4343361	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
456	ALL	668882.3	4343541	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
585	ALL	668942.3	4343601	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
908	ALL	669202.3	4343881	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
699	ALL	669022.3	4343681	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
323	ALL	668822.3	4343481	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
1103	ALL	669262.3	4344021	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
1702	ALL	668602.3	4344321	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
543	ALL	668922.3	4343581	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
1484	ALL	668522.3	4344221	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
728	ALL	669042.3	4343701	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
751	ALL	669062.3	4343721	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
1441	ALL	668502.3	4344201	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
501	ALL	668902.3	4343561	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
1185	ALL	669302.3	4344061	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
1657	ALL	668582.3	4344301	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
1397	ALL	668482.3	4344181	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
1228	ALL	669322.3	4344081	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
1312	ALL	669382.3	4344121	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
1144	ALL	669282.3	4344041	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
1355	ALL	668462.3	4344161	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
279	ALL	668802.3	4343461	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
110	ALL	668702.3	4343381	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
1270	ALL	669342.3	4344101	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
1613	ALL	668562.3	4344281	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-06
1316	ALL	668442.3	4344141	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-06
1006	ALL	669242.3	4343961	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
773	ALL	669082.3	4343741	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
1066	ALL	669262.3	4344001	2.17E-06	30YrCancerDerived_InhSoilDermMMilk	2.17E-06
237	ALL	668782.3	4343441	2.17E-06	30YrCancerDerived_InhSoilDermMMilk	2.17E-06
1570	ALL	668542.3	4344261	2.17E-06	30YrCancerDerived_InhSoilDermMMilk	2.17E-06
884	ALL	669202.3	4343861	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
368	ALL	668862.3	4343501	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
412	ALL	668882.3	4343521	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
195	ALL	668762.3	4343421	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
1145	ALL	669302.3	4344041	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
619	ALL	668982.3	4343621	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
1186	ALL	669322.3	4344061	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
586	ALL	668962.3	4343601	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
1394	ALL	669442.3	4344161	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
1527	ALL	668522.3	4344241	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
1352	ALL	669422.3	4344141	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
544	ALL	668942.3	4343581	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
324	ALL	668842.3	4343481	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
65	ALL	668682.3	4343361	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
457	ALL	668902.3	4343541	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
153	ALL	668742.3	4343401	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
1104	ALL	669282.3	4344021	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
1483	ALL	668502.3	4344221	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
502	ALL	668922.3	4343561	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
729	ALL	669062.3	4343701	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
1313	ALL	669402.3	4344121	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
1701	ALL	668582.3	4344321	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
1440	ALL	668482.3	4344201	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
979	ALL	669242.3	4343941	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
752	ALL	669082.3	4343721	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
1396	ALL	668462.3	4344181	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
1229	ALL	669342.3	4344081	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
1271	ALL	669362.3	4344101	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
280	ALL	668822.3	4343461	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
1656	ALL	668562.3	4344301	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
1354	ALL	668442.3	4344161	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
111	ALL	668722.3	4343381	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
1033	ALL	669262.3	4343981	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
827	ALL	669162.3	4343801	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
1146	ALL	669322.3	4344041	2.10E-06	30YrCancerDerived_InhSoilDermMMilk	2.10E-06
1612	ALL	668542.3	4344281	2.10E-06	30YrCancerDerived_InhSoilDermMMilk	2.10E-06
1187	ALL	669342.3	4344061	2.10E-06	30YrCancerDerived_InhSoilDermMMilk	2.10E-06
1272	ALL	669382.3	4344101	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
238	ALL	668802.3	4343441	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
1569	ALL	668522.3	4344261	2.08E-06	30YrCancerDerived_InhSoilDermMMilk	2.08E-06
587	ALL	668982.3	4343601	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
369	ALL	668882.3	4343501	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
545	ALL	668962.3	4343581	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
620	ALL	669002.3	4343621	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
196	ALL	668782.3	4343421	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
413	ALL	668902.3	4343521	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
1526	ALL	668502.3	4344241	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
1067	ALL	669282.3	4344001	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
1105	ALL	669302.3	4344021	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
503	ALL	668942.3	4343561	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
1147	ALL	669342.3	4344041	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
458	ALL	668922.3	4343541	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
1230	ALL	669362.3	4344081	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06

325	ALL	668862.3	4343481	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
66	ALL	668702.3	4343361	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
1314	ALL	669422.3	4344121	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
1353	ALL	669442.3	4344141	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
1482	ALL	668482.3	4344221	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
700	ALL	669062.3	4343681	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
1439	ALL	668462.3	4344201	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
730	ALL	669082.3	4343701	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
154	ALL	668762.3	4343401	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
1007	ALL	669262.3	4343961	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
1188	ALL	669362.3	4344061	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
885	ALL	669222.3	4343861	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
1395	ALL	668442.3	4344181	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
1700	ALL	668562.3	4344321	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
281	ALL	668842.3	4343461	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
828	ALL	669182.3	4343801	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
1273	ALL	669402.3	4344101	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
1655	ALL	668542.3	4344301	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
1231	ALL	669382.3	4344081	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
792	ALL	669142.3	4343761	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
112	ALL	668742.3	4343381	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
239	ALL	668822.3	4343441	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
1148	ALL	669362.3	4344041	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
1611	ALL	668522.3	4344281	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
1106	ALL	669322.3	4344021	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	2.00E-06
1568	ALL	668502.3	4344261	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
1189	ALL	669382.3	4344061	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
546	ALL	668982.3	4343581	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
504	ALL	668962.3	4343561	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
588	ALL	669002.3	4343601	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
67	ALL	668722.3	4343361	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
1034	ALL	669282.3	4343981	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
459	ALL	668942.3	4343541	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
197	ALL	668802.3	4343421	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
414	ALL	668922.3	4343521	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
621	ALL	669022.3	4343621	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
370	ALL	668902.3	4343501	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
1525	ALL	668482.3	4344241	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
980	ALL	669262.3	4343941	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
326	ALL	668882.3	4343481	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
1315	ALL	669442.3	4344121	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
1481	ALL	668462.3	4344221	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
863	ALL	669222.3	4343841	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
1274	ALL	669422.3	4344101	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
1232	ALL	669402.3	4344081	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
1438	ALL	668442.3	4344201	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
1068	ALL	669302.3	4344001	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
701	ALL	669082.3	4343681	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
155	ALL	668782.3	4343401	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
282	ALL	668862.3	4343461	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
1149	ALL	669382.3	4344041	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
1107	ALL	669342.3	4344021	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
1699	ALL	668542.3	4344321	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
1654	ALL	668522.3	4344301	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
1190	ALL	669402.3	4344061	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
113	ALL	668762.3	4343381	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
240	ALL	668842.3	4343441	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
1610	ALL	668502.3	4344281	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06
956	ALL	669262.3	4343921	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06
1567	ALL	668482.3	4344261	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
547	ALL	669002.3	4343581	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
505	ALL	668982.3	4343561	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
1008	ALL	669282.3	4343961	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
460	ALL	668962.3	4343541	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
589	ALL	669022.3	4343601	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
1233	ALL	669422.3	4344081	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
68	ALL	668742.3	4343361	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
198	ALL	668822.3	4343421	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
415	ALL	668942.3	4343521	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
1108	ALL	669362.3	4344021	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
1275	ALL	669442.3	4344101	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
1524	ALL	668462.3	4344241	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
622	ALL	669042.3	4343621	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
371	ALL	668922.3	4343501	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
1480	ALL	668442.3	4344221	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
327	ALL	668902.3	4343481	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
1150	ALL	669402.3	4344041	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
1069	ALL	669322.3	4344001	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
156	ALL	668802.3	4343401	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
283	ALL	668882.3	4343461	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
774	ALL	669162.3	4343741	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
1035	ALL	669302.3	4343981	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
1698	ALL	668522.3	4344321	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
808	ALL	669202.3	4343781	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
1191	ALL	669422.3	4344061	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
1653	ALL	668502.3	4344301	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
1109	ALL	669382.3	4344021	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
241	ALL	668862.3	4343441	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
114	ALL	668782.3	4343381	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
1609	ALL	668482.3	4344281	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
981	ALL	669282.3	4343941	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
1234	ALL	669442.3	4344081	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
1566	ALL	668462.3	4344261	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
548	ALL	669022.3	4343581	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
506	ALL	669002.3	4343561	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
590	ALL	669042.3	4343601	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
199	ALL	668842.3	4343421	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
461	ALL	668982.3	4343541	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
1070	ALL	669342.3	4344001	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
1523	ALL	668442.3	4344241	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
69	ALL	668762.3	4343361	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06

416	ALL	668962.3	4343521	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
623	ALL	669062.3	4343621	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
372	ALL	668942.3	4343501	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
328	ALL	668922.3	4343481	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
1151	ALL	669422.3	4344041	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
157	ALL	668822.3	4343401	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
1110	ALL	669402.3	4344021	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
753	ALL	669162.3	4343721	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
284	ALL	668902.3	4343461	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
702	ALL	669122.3	4343681	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
1009	ALL	669302.3	4343961	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
775	ALL	669182.3	4343741	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
957	ALL	669282.3	4343921	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
1697	ALL	668502.3	4344321	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
1071	ALL	669362.3	4344001	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
1652	ALL	668482.3	4344301	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
242	ALL	668882.3	4343441	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
809	ALL	669222.3	4343781	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
1192	ALL	669442.3	4344061	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
115	ALL	668802.3	4343381	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
1608	ALL	668462.3	4344281	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
1036	ALL	669322.3	4343981	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
1565	ALL	668442.3	4344261	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
933	ALL	669282.3	4343901	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
200	ALL	668862.3	4343421	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
549	ALL	669042.3	4343581	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
591	ALL	669062.3	4343601	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
507	ALL	669022.3	4343561	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
462	ALL	669002.3	4343541	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
70	ALL	668782.3	4343361	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
624	ALL	669082.3	4343621	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
417	ALL	668982.3	4343521	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
373	ALL	668962.3	4343501	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
1072	ALL	669382.3	4344001	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
329	ALL	668942.3	4343481	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
982	ALL	669302.3	4343941	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
158	ALL	668842.3	4343401	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
1111	ALL	669422.3	4344021	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
703	ALL	669142.3	4343681	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
285	ALL	668922.3	4343461	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
1152	ALL	669442.3	4344041	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
1010	ALL	669322.3	4343961	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06
1696	ALL	668482.3	4344321	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06
243	ALL	668902.3	4343441	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
1037	ALL	669342.3	4343981	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
1651	ALL	668462.3	4344301	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
116	ALL	668822.3	4343381	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
1607	ALL	668442.3	4344281	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
1073	ALL	669402.3	4344001	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
201	ALL	668882.3	4343421	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
550	ALL	669062.3	4343581	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
508	ALL	669042.3	4343561	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
592	ALL	669082.3	4343601	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
463	ALL	669022.3	4343541	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
958	ALL	669302.3	4343921	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
71	ALL	668802.3	4343361	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
625	ALL	669102.3	4343621	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
418	ALL	669002.3	4343521	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
159	ALL	668862.3	4343401	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
374	ALL	668982.3	4343501	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
1038	ALL	669362.3	4343981	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
671	ALL	669142.3	4343661	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
704	ALL	669162.3	4343681	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
330	ALL	668962.3	4343481	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
286	ALL	668942.3	4343461	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
983	ALL	669322.3	4343941	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
1112	ALL	669442.3	4344021	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
934	ALL	669302.3	4343901	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
1011	ALL	669342.3	4343961	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
1695	ALL	668462.3	4344321	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
244	ALL	668922.3	4343441	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
117	ALL	668842.3	4343381	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
1650	ALL	668442.3	4344301	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
1074	ALL	669422.3	4344001	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
909	ALL	669302.3	4343881	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
202	ALL	668902.3	4343421	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
1039	ALL	669382.3	4343981	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
551	ALL	669082.3	4343581	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
593	ALL	669102.3	4343601	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
509	ALL	669062.3	4343561	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
464	ALL	669042.3	4343541	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
626	ALL	669122.3	4343621	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
72	ALL	668822.3	4343361	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
419	ALL	669022.3	4343521	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
649	ALL	669142.3	4343641	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
160	ALL	668882.3	4343401	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
672	ALL	669162.3	4343661	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
705	ALL	669182.3	4343681	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
375	ALL	669002.3	4343501	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
886	ALL	669302.3	4343861	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
1012	ALL	669362.3	4343961	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
959	ALL	669322.3	4343921	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
984	ALL	669342.3	4343941	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
331	ALL	668982.3	4343481	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
1694	ALL	668442.3	4344321	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
1040	ALL	669402.3	4343981	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
287	ALL	668962.3	4343461	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
118	ALL	668862.3	4343381	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
245	ALL	668942.3	4343441	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
776	ALL	669242.3	4343741	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
1075	ALL	669442.3	4344001	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06

935	ALL	669322.3	4343901	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
203	ALL	668922.3	4343421	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
552	ALL	669102.3	4343581	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
594	ALL	669122.3	4343601	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
910	ALL	669322.3	4343881	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
510	ALL	669082.3	4343561	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
627	ALL	669142.3	4343621	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
465	ALL	669062.3	4343541	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
864	ALL	669302.3	4343841	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
73	ALL	668842.3	4343361	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
1013	ALL	669382.3	4343961	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
650	ALL	669162.3	4343641	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
420	ALL	669042.3	4343521	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
673	ALL	669182.3	4343661	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
161	ALL	668902.3	4343401	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
706	ALL	669202.3	4343681	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
985	ALL	669362.3	4343941	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
960	ALL	669342.3	4343921	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
1041	ALL	669422.3	4343981	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
376	ALL	669022.3	4343501	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
887	ALL	669322.3	4343861	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
936	ALL	669342.3	4343901	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
119	ALL	668882.3	4343381	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
332	ALL	669002.3	4343481	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
288	ALL	668982.3	4343461	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
911	ALL	669342.3	4343881	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
1014	ALL	669402.3	4343961	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
246	ALL	668962.3	4343441	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
754	ALL	669242.3	4343721	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
986	ALL	669382.3	4343941	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
847	ALL	669302.3	4343821	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
810	ALL	669282.3	4343781	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
204	ALL	668942.3	4343421	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
961	ALL	669362.3	4343921	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
595	ALL	669142.3	4343601	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
553	ALL	669122.3	4343581	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
74	ALL	668862.3	4343361	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
511	ALL	669102.3	4343561	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
628	ALL	669162.3	4343621	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
865	ALL	669322.3	4343841	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
937	ALL	669362.3	4343901	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
888	ALL	669342.3	4343861	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
466	ALL	669082.3	4343541	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
651	ALL	669182.3	4343641	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
777	ALL	669262.3	4343741	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
421	ALL	669062.3	4343521	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
162	ALL	668922.3	4343401	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
674	ALL	669202.3	4343661	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
1042	ALL	669442.3	4343981	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
962	ALL	669382.3	4343921	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
377	ALL	669042.3	4343501	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
912	ALL	669362.3	4343881	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
707	ALL	669222.3	4343681	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
987	ALL	669402.3	4343941	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
1015	ALL	669422.3	4343961	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
120	ALL	668902.3	4343381	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
333	ALL	669022.3	4343481	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
829	ALL	669302.3	4343801	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
938	ALL	669382.3	4343901	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
289	ALL	669002.3	4343461	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
731	ALL	669242.3	4343701	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
793	ALL	669282.3	4343761	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
247	ALL	668982.3	4343441	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
889	ALL	669362.3	4343861	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
866	ALL	669342.3	4343841	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
75	ALL	668882.3	4343361	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
848	ALL	669322.3	4343821	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
963	ALL	669402.3	4343921	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
205	ALL	668962.3	4343421	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
554	ALL	669142.3	4343581	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
596	ALL	669162.3	4343601	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
512	ALL	669122.3	4343561	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
629	ALL	669182.3	4343621	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
467	ALL	669102.3	4343541	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
988	ALL	669422.3	4343941	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
652	ALL	669202.3	4343641	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
913	ALL	669382.3	4343881	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
422	ALL	669082.3	4343521	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
163	ALL	668942.3	4343401	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
811	ALL	669302.3	4343781	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
378	ALL	669062.3	4343501	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
755	ALL	669262.3	4343721	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
675	ALL	669222.3	4343661	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
1016	ALL	669442.3	4343961	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
939	ALL	669402.3	4343901	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
121	ALL	668922.3	4343381	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
334	ALL	669042.3	4343481	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
964	ALL	669422.3	4343921	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
867	ALL	669362.3	4343841	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
849	ALL	669342.3	4343821	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
708	ALL	669242.3	4343681	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
76	ALL	668902.3	4343361	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
290	ALL	669022.3	4343461	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
890	ALL	669382.3	4343861	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
830	ALL	669322.3	4343801	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
778	ALL	669282.3	4343741	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
989	ALL	669442.3	4343941	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
248	ALL	669002.3	4343441	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
914	ALL	669402.3	4343881	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
206	ALL	668982.3	4343421	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
513	ALL	669142.3	4343561	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06

555	ALL	669162.3	4343581	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
597	ALL	669182.3	4343601	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
630	ALL	669202.3	4343621	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
468	ALL	669122.3	4343541	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
940	ALL	669422.3	4343901	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
794	ALL	669302.3	4343761	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
423	ALL	669102.3	4343521	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
164	ALL	668962.3	4343401	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
653	ALL	669222.3	4343641	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
965	ALL	669442.3	4343921	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
379	ALL	669082.3	4343501	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
732	ALL	669262.3	4343701	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
812	ALL	669322.3	4343781	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
122	ALL	668942.3	4343381	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
850	ALL	669362.3	4343821	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
868	ALL	669382.3	4343841	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
335	ALL	669062.3	4343481	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
831	ALL	669342.3	4343801	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
891	ALL	669402.3	4343861	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
676	ALL	669242.3	4343661	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
77	ALL	668922.3	4343361	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
291	ALL	669042.3	4343461	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
915	ALL	669422.3	4343881	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
249	ALL	669022.3	4343441	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
941	ALL	669442.3	4343901	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
756	ALL	669282.3	4343721	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
207	ALL	669002.3	4343421	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
556	ALL	669182.3	4343581	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
514	ALL	669162.3	4343561	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
598	ALL	669202.3	4343601	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
469	ALL	669142.3	4343541	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
631	ALL	669222.3	4343621	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
424	ALL	669122.3	4343521	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
165	ALL	668982.3	4343401	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
709	ALL	669262.3	4343681	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
813	ALL	669342.3	4343781	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
779	ALL	669302.3	4343741	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
832	ALL	669362.3	4343801	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
380	ALL	669102.3	4343501	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
851	ALL	669382.3	4343821	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
869	ALL	669402.3	4343841	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
123	ALL	668962.3	4343381	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
795	ALL	669322.3	4343761	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
892	ALL	669422.3	4343861	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
654	ALL	669242.3	4343641	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
336	ALL	669082.3	4343481	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
78	ALL	668942.3	4343361	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
916	ALL	669442.3	4343881	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
292	ALL	669062.3	4343461	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
28	ALL	668922.3	4343341	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
250	ALL	669042.3	4343441	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
733	ALL	669282.3	4343701	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
599	ALL	669222.3	4343601	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
208	ALL	669022.3	4343421	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
677	ALL	669262.3	4343661	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
814	ALL	669362.3	4343781	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
833	ALL	669382.3	4343801	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
515	ALL	669182.3	4343561	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
557	ALL	669202.3	4343581	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
852	ALL	669402.3	4343821	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
470	ALL	669162.3	4343541	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
166	ALL	669002.3	4343401	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
425	ALL	669142.3	4343521	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
870	ALL	669422.3	4343841	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
796	ALL	669342.3	4343761	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
632	ALL	669242.3	4343621	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
381	ALL	669122.3	4343501	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
893	ALL	669442.3	4343861	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
124	ALL	668982.3	4343381	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
757	ALL	669302.3	4343721	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
337	ALL	669102.3	4343481	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
79	ALL	668962.3	4343361	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
780	ALL	669322.3	4343741	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
293	ALL	669082.3	4343461	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
29	ALL	668942.3	4343341	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
710	ALL	669282.3	4343681	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
655	ALL	669262.3	4343641	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
815	ALL	669382.3	4343781	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
834	ALL	669402.3	4343801	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
251	ALL	669062.3	4343441	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
853	ALL	669422.3	4343821	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
1	ALL	668922.3	4343321	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
797	ALL	669362.3	4343761	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
209	ALL	669042.3	4343421	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
871	ALL	669442.3	4343841	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
558	ALL	669222.3	4343581	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
600	ALL	669242.3	4343601	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
516	ALL	669202.3	4343561	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
167	ALL	669022.3	4343401	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
471	ALL	669182.3	4343541	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
426	ALL	669162.3	4343521	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
678	ALL	669282.3	4343661	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
382	ALL	669142.3	4343501	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
781	ALL	669342.3	4343741	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
125	ALL	669002.3	4343381	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
734	ALL	669302.3	4343701	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
758	ALL	669322.3	4343721	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
633	ALL	669262.3	4343621	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
338	ALL	669122.3	4343481	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
80	ALL	668982.3	4343361	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
798	ALL	669382.3	4343761	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06

816	ALL	669402.3	4343781	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
294	ALL	669102.3	4343461	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
30	ALL	668962.3	4343341	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
835	ALL	669422.3	4343801	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
854	ALL	669442.3	4343821	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
252	ALL	669082.3	4343441	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
2	ALL	668942.3	4343321	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
782	ALL	669362.3	4343741	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
656	ALL	669282.3	4343641	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
559	ALL	669242.3	4343581	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
210	ALL	669062.3	4343421	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
517	ALL	669222.3	4343561	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
711	ALL	669302.3	4343681	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
168	ALL	669042.3	4343401	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
601	ALL	669262.3	4343601	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
472	ALL	669202.3	4343541	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
427	ALL	669182.3	4343521	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
126	ALL	669022.3	4343381	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
383	ALL	669162.3	4343501	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
759	ALL	669342.3	4343721	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
735	ALL	669322.3	4343701	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
783	ALL	669382.3	4343741	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
81	ALL	669002.3	4343361	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
339	ALL	669142.3	4343481	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
799	ALL	669402.3	4343761	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
679	ALL	669302.3	4343661	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
634	ALL	669282.3	4343621	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
817	ALL	669422.3	4343781	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
31	ALL	668982.3	4343341	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
295	ALL	669122.3	4343461	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
836	ALL	669442.3	4343801	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
3	ALL	668962.3	4343321	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
253	ALL	669102.3	4343441	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
211	ALL	669082.3	4343421	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
560	ALL	669262.3	4343581	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
657	ALL	669302.3	4343641	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
518	ALL	669242.3	4343561	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
760	ALL	669362.3	4343721	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
169	ALL	669062.3	4343401	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
736	ALL	669342.3	4343701	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
473	ALL	669222.3	4343541	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
127	ALL	669042.3	4343381	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
602	ALL	669282.3	4343601	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
712	ALL	669322.3	4343681	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
428	ALL	669202.3	4343521	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
784	ALL	669402.3	4343741	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
384	ALL	669182.3	4343501	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
82	ALL	669022.3	4343361	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
761	ALL	669382.3	4343721	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
800	ALL	669422.3	4343761	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
340	ALL	669162.3	4343481	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
32	ALL	669002.3	4343341	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
818	ALL	669442.3	4343781	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
296	ALL	669142.3	4343461	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
680	ALL	669322.3	4343661	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
635	ALL	669302.3	4343621	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
4	ALL	668982.3	4343321	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
254	ALL	669122.3	4343441	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
737	ALL	669362.3	4343701	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
713	ALL	669342.3	4343681	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
212	ALL	669102.3	4343421	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
519	ALL	669262.3	4343561	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
561	ALL	669282.3	4343581	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
658	ALL	669322.3	4343641	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
170	ALL	669082.3	4343401	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
474	ALL	669242.3	4343541	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
128	ALL	669062.3	4343381	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
429	ALL	669222.3	4343521	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
603	ALL	669302.3	4343601	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
785	ALL	669422.3	4343741	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
83	ALL	669042.3	4343361	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
762	ALL	669402.3	4343721	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
738	ALL	669382.3	4343701	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
385	ALL	669202.3	4343501	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
33	ALL	669022.3	4343341	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
714	ALL	669362.3	4343681	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
801	ALL	669442.3	4343761	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
681	ALL	669342.3	4343661	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
341	ALL	669182.3	4343481	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
297	ALL	669162.3	4343461	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
5	ALL	669002.3	4343321	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
636	ALL	669322.3	4343621	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
255	ALL	669142.3	4343441	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
213	ALL	669122.3	4343421	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
520	ALL	669282.3	4343561	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
171	ALL	669102.3	4343401	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
562	ALL	669302.3	4343581	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
659	ALL	669342.3	4343641	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
475	ALL	669262.3	4343541	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
129	ALL	669082.3	4343381	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
430	ALL	669242.3	4343521	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
715	ALL	669382.3	4343681	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
84	ALL	669062.3	4343361	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
763	ALL	669422.3	4343721	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
739	ALL	669402.3	4343701	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
786	ALL	669442.3	4343741	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
682	ALL	669362.3	4343661	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
604	ALL	669322.3	4343601	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
386	ALL	669222.3	4343501	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
34	ALL	669042.3	4343341	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
342	ALL	669202.3	4343481	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06

6	ALL	669022.3	4343321	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
298	ALL	669182.3	4343461	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
256	ALL	669162.3	4343441	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
637	ALL	669342.3	4343621	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
214	ALL	669142.3	4343421	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
521	ALL	669302.3	4343561	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
172	ALL	669122.3	4343401	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
476	ALL	669282.3	4343541	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
660	ALL	669362.3	4343641	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
130	ALL	669102.3	4343381	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
563	ALL	669322.3	4343581	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
431	ALL	669262.3	4343521	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
85	ALL	669082.3	4343361	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
716	ALL	669402.3	4343681	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
764	ALL	669442.3	4343721	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
740	ALL	669422.3	4343701	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
683	ALL	669382.3	4343661	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
35	ALL	669062.3	4343341	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
387	ALL	669242.3	4343501	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
605	ALL	669342.3	4343601	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
7	ALL	669042.3	4343321	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
343	ALL	669222.3	4343481	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
299	ALL	669202.3	4343461	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
257	ALL	669182.3	4343441	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
638	ALL	669362.3	4343621	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
215	ALL	669162.3	4343421	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
173	ALL	669142.3	4343401	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
522	ALL	669322.3	4343561	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
477	ALL	669302.3	4343541	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
131	ALL	669122.3	4343381	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
661	ALL	669382.3	4343641	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
564	ALL	669342.3	4343581	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
432	ALL	669282.3	4343521	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
684	ALL	669402.3	4343661	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
86	ALL	669102.3	4343361	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
741	ALL	669442.3	4343701	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
717	ALL	669422.3	4343681	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
388	ALL	669262.3	4343501	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
36	ALL	669082.3	4343341	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
8	ALL	669062.3	4343321	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
344	ALL	669242.3	4343481	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
606	ALL	669362.3	4343601	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
300	ALL	669222.3	4343461	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
258	ALL	669202.3	4343441	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
639	ALL	669382.3	4343621	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
216	ALL	669182.3	4343421	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
174	ALL	669162.3	4343401	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
662	ALL	669402.3	4343641	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
478	ALL	669322.3	4343541	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
132	ALL	669142.3	4343381	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
523	ALL	669342.3	4343561	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
685	ALL	669422.3	4343661	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
87	ALL	669122.3	4343361	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
433	ALL	669302.3	4343521	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
718	ALL	669442.3	4343681	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
565	ALL	669362.3	4343581	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
37	ALL	669102.3	4343341	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
389	ALL	669282.3	4343501	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
345	ALL	669262.3	4343481	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
9	ALL	669082.3	4343321	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
607	ALL	669382.3	4343601	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
301	ALL	669242.3	4343461	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
259	ALL	669222.3	4343441	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
640	ALL	669402.3	4343621	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
217	ALL	669202.3	4343421	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
175	ALL	669182.3	4343401	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
133	ALL	669162.3	4343381	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
663	ALL	669422.3	4343641	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
479	ALL	669342.3	4343541	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
88	ALL	669142.3	4343361	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
524	ALL	669362.3	4343561	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
686	ALL	669442.3	4343661	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
434	ALL	669322.3	4343521	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
38	ALL	669122.3	4343341	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
566	ALL	669382.3	4343581	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
390	ALL	669302.3	4343501	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
10	ALL	669102.3	4343321	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
346	ALL	669282.3	4343481	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
302	ALL	669262.3	4343461	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
608	ALL	669402.3	4343601	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
260	ALL	669242.3	4343441	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
218	ALL	669222.3	4343421	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
641	ALL	669422.3	4343621	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
176	ALL	669202.3	4343401	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
134	ALL	669182.3	4343381	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
89	ALL	669162.3	4343361	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
664	ALL	669442.3	4343641	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
480	ALL	669362.3	4343541	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
39	ALL	669142.3	4343341	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
525	ALL	669382.3	4343561	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
435	ALL	669342.3	4343521	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
11	ALL	669122.3	4343321	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
567	ALL	669402.3	4343581	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
391	ALL	669322.3	4343501	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
347	ALL	669302.3	4343481	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
303	ALL	669282.3	4343461	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
261	ALL	669262.3	4343441	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
219	ALL	669242.3	4343421	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
609	ALL	669422.3	4343601	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
177	ALL	669222.3	4343401	9.99E-07	30YrCancerDerived_InhSoilDermMMilk	9.99E-07
135	ALL	669202.3	4343381	9.97E-07	30YrCancerDerived_InhSoilDermMMilk	9.97E-07

642	ALL	669442.3	4343621	9.95E-07	30YrCancerDerived_InhSoilDermMMilk	9.95E-07
90	ALL	669182.3	4343361	9.95E-07	30YrCancerDerived_InhSoilDermMMilk	9.95E-07
40	ALL	669162.3	4343341	9.90E-07	30YrCancerDerived_InhSoilDermMMilk	9.90E-07
481	ALL	669382.3	4343541	9.87E-07	30YrCancerDerived_InhSoilDermMMilk	9.87E-07
436	ALL	669362.3	4343521	9.85E-07	30YrCancerDerived_InhSoilDermMMilk	9.85E-07
12	ALL	669142.3	4343321	9.85E-07	30YrCancerDerived_InhSoilDermMMilk	9.85E-07
526	ALL	669402.3	4343561	9.85E-07	30YrCancerDerived_InhSoilDermMMilk	9.85E-07
392	ALL	669342.3	4343501	9.81E-07	30YrCancerDerived_InhSoilDermMMilk	9.81E-07
568	ALL	669422.3	4343581	9.81E-07	30YrCancerDerived_InhSoilDermMMilk	9.81E-07
220	ALL	669262.3	4343421	9.79E-07	30YrCancerDerived_InhSoilDermMMilk	9.79E-07
262	ALL	669282.3	4343441	9.78E-07	30YrCancerDerived_InhSoilDermMMilk	9.78E-07
304	ALL	669302.3	4343461	9.78E-07	30YrCancerDerived_InhSoilDermMMilk	9.78E-07
348	ALL	669322.3	4343481	9.77E-07	30YrCancerDerived_InhSoilDermMMilk	9.77E-07
178	ALL	669242.3	4343401	9.77E-07	30YrCancerDerived_InhSoilDermMMilk	9.77E-07
136	ALL	669222.3	4343381	9.76E-07	30YrCancerDerived_InhSoilDermMMilk	9.76E-07
610	ALL	669442.3	4343601	9.74E-07	30YrCancerDerived_InhSoilDermMMilk	9.74E-07
91	ALL	669202.3	4343361	9.74E-07	30YrCancerDerived_InhSoilDermMMilk	9.74E-07
41	ALL	669182.3	4343341	9.70E-07	30YrCancerDerived_InhSoilDermMMilk	9.70E-07
13	ALL	669162.3	4343321	9.64E-07	30YrCancerDerived_InhSoilDermMMilk	9.64E-07
482	ALL	669402.3	4343541	9.61E-07	30YrCancerDerived_InhSoilDermMMilk	9.61E-07
437	ALL	669382.3	4343521	9.60E-07	30YrCancerDerived_InhSoilDermMMilk	9.60E-07
527	ALL	669422.3	4343561	9.59E-07	30YrCancerDerived_InhSoilDermMMilk	9.59E-07
393	ALL	669362.3	4343501	9.57E-07	30YrCancerDerived_InhSoilDermMMilk	9.57E-07
179	ALL	669262.3	4343401	9.56E-07	30YrCancerDerived_InhSoilDermMMilk	9.56E-07
221	ALL	669282.3	4343421	9.55E-07	30YrCancerDerived_InhSoilDermMMilk	9.55E-07
137	ALL	669242.3	4343381	9.55E-07	30YrCancerDerived_InhSoilDermMMilk	9.55E-07
569	ALL	669442.3	4343581	9.55E-07	30YrCancerDerived_InhSoilDermMMilk	9.55E-07
263	ALL	669302.3	4343441	9.55E-07	30YrCancerDerived_InhSoilDermMMilk	9.55E-07
92	ALL	669222.3	4343361	9.54E-07	30YrCancerDerived_InhSoilDermMMilk	9.54E-07
305	ALL	669322.3	4343461	9.54E-07	30YrCancerDerived_InhSoilDermMMilk	9.54E-07
349	ALL	669342.3	4343481	9.53E-07	30YrCancerDerived_InhSoilDermMMilk	9.53E-07
42	ALL	669202.3	4343341	9.50E-07	30YrCancerDerived_InhSoilDermMMilk	9.50E-07
14	ALL	669182.3	4343321	9.45E-07	30YrCancerDerived_InhSoilDermMMilk	9.45E-07
483	ALL	669422.3	4343541	9.36E-07	30YrCancerDerived_InhSoilDermMMilk	9.36E-07
438	ALL	669402.3	4343521	9.36E-07	30YrCancerDerived_InhSoilDermMMilk	9.36E-07
138	ALL	669262.3	4343381	9.34E-07	30YrCancerDerived_InhSoilDermMMilk	9.34E-07
528	ALL	669442.3	4343561	9.34E-07	30YrCancerDerived_InhSoilDermMMilk	9.34E-07
180	ALL	669282.3	4343401	9.34E-07	30YrCancerDerived_InhSoilDermMMilk	9.34E-07
394	ALL	669382.3	4343501	9.33E-07	30YrCancerDerived_InhSoilDermMMilk	9.33E-07
93	ALL	669242.3	4343361	9.33E-07	30YrCancerDerived_InhSoilDermMMilk	9.33E-07
222	ALL	669302.3	4343421	9.33E-07	30YrCancerDerived_InhSoilDermMMilk	9.33E-07
264	ALL	669322.3	4343441	9.32E-07	30YrCancerDerived_InhSoilDermMMilk	9.32E-07
43	ALL	669222.3	4343341	9.30E-07	30YrCancerDerived_InhSoilDermMMilk	9.30E-07
306	ALL	669342.3	4343461	9.30E-07	30YrCancerDerived_InhSoilDermMMilk	9.30E-07
350	ALL	669362.3	4343481	9.29E-07	30YrCancerDerived_InhSoilDermMMilk	9.29E-07
15	ALL	669202.3	4343321	9.26E-07	30YrCancerDerived_InhSoilDermMMilk	9.26E-07
139	ALL	669282.3	4343381	9.12E-07	30YrCancerDerived_InhSoilDermMMilk	9.12E-07
484	ALL	669442.3	4343541	9.12E-07	30YrCancerDerived_InhSoilDermMMilk	9.12E-07
439	ALL	669422.3	4343521	9.12E-07	30YrCancerDerived_InhSoilDermMMilk	9.12E-07
181	ALL	669302.3	4343401	9.12E-07	30YrCancerDerived_InhSoilDermMMilk	9.12E-07
94	ALL	669262.3	4343361	9.12E-07	30YrCancerDerived_InhSoilDermMMilk	9.12E-07
223	ALL	669322.3	4343421	9.11E-07	30YrCancerDerived_InhSoilDermMMilk	9.11E-07
265	ALL	669342.3	4343441	9.09E-07	30YrCancerDerived_InhSoilDermMMilk	9.09E-07
395	ALL	669402.3	4343501	9.09E-07	30YrCancerDerived_InhSoilDermMMilk	9.09E-07
44	ALL	669242.3	4343341	9.09E-07	30YrCancerDerived_InhSoilDermMMilk	9.09E-07
307	ALL	669362.3	4343461	9.07E-07	30YrCancerDerived_InhSoilDermMMilk	9.07E-07
351	ALL	669382.3	4343481	9.06E-07	30YrCancerDerived_InhSoilDermMMilk	9.06E-07
16	ALL	669222.3	4343321	9.06E-07	30YrCancerDerived_InhSoilDermMMilk	9.06E-07
140	ALL	669302.3	4343381	8.91E-07	30YrCancerDerived_InhSoilDermMMilk	8.91E-07
182	ALL	669322.3	4343401	8.91E-07	30YrCancerDerived_InhSoilDermMMilk	8.91E-07
95	ALL	669282.3	4343361	8.90E-07	30YrCancerDerived_InhSoilDermMMilk	8.90E-07
224	ALL	669342.3	4343421	8.90E-07	30YrCancerDerived_InhSoilDermMMilk	8.90E-07
440	ALL	669442.3	4343521	8.89E-07	30YrCancerDerived_InhSoilDermMMilk	8.89E-07
266	ALL	669362.3	4343441	8.88E-07	30YrCancerDerived_InhSoilDermMMilk	8.88E-07
45	ALL	669262.3	4343341	8.87E-07	30YrCancerDerived_InhSoilDermMMilk	8.87E-07
396	ALL	669422.3	4343501	8.86E-07	30YrCancerDerived_InhSoilDermMMilk	8.86E-07
308	ALL	669382.3	4343461	8.86E-07	30YrCancerDerived_InhSoilDermMMilk	8.86E-07
17	ALL	669242.3	4343321	8.85E-07	30YrCancerDerived_InhSoilDermMMilk	8.85E-07
352	ALL	669402.3	4343481	8.84E-07	30YrCancerDerived_InhSoilDermMMilk	8.84E-07
141	ALL	669322.3	4343381	8.71E-07	30YrCancerDerived_InhSoilDermMMilk	8.71E-07
183	ALL	669342.3	4343401	8.70E-07	30YrCancerDerived_InhSoilDermMMilk	8.70E-07
96	ALL	669302.3	4343361	8.70E-07	30YrCancerDerived_InhSoilDermMMilk	8.70E-07
225	ALL	669362.3	4343421	8.69E-07	30YrCancerDerived_InhSoilDermMMilk	8.69E-07
267	ALL	669382.3	4343441	8.68E-07	30YrCancerDerived_InhSoilDermMMilk	8.68E-07
46	ALL	669282.3	4343341	8.66E-07	30YrCancerDerived_InhSoilDermMMilk	8.66E-07
309	ALL	669402.3	4343461	8.66E-07	30YrCancerDerived_InhSoilDermMMilk	8.66E-07
397	ALL	669442.3	4343501	8.65E-07	30YrCancerDerived_InhSoilDermMMilk	8.65E-07
18	ALL	669262.3	4343321	8.63E-07	30YrCancerDerived_InhSoilDermMMilk	8.63E-07
353	ALL	669422.3	4343481	8.62E-07	30YrCancerDerived_InhSoilDermMMilk	8.62E-07
184	ALL	669362.3	4343401	8.51E-07	30YrCancerDerived_InhSoilDermMMilk	8.51E-07
142	ALL	669342.3	4343381	8.51E-07	30YrCancerDerived_InhSoilDermMMilk	8.51E-07
226	ALL	669382.3	4343421	8.50E-07	30YrCancerDerived_InhSoilDermMMilk	8.50E-07
97	ALL	669322.3	4343361	8.50E-07	30YrCancerDerived_InhSoilDermMMilk	8.50E-07
268	ALL	669402.3	4343441	8.50E-07	30YrCancerDerived_InhSoilDermMMilk	8.50E-07
47	ALL	669302.3	4343341	8.46E-07	30YrCancerDerived_InhSoilDermMMilk	8.46E-07
310	ALL	669422.3	4343461	8.46E-07	30YrCancerDerived_InhSoilDermMMilk	8.46E-07
19	ALL	669282.3	4343321	8.43E-07	30YrCancerDerived_InhSoilDermMMilk	8.43E-07
354	ALL	669442.3	4343481	8.42E-07	30YrCancerDerived_InhSoilDermMMilk	8.42E-07
185	ALL	669382.3	4343401	8.32E-07	30YrCancerDerived_InhSoilDermMMilk	8.32E-07
143	ALL	669362.3	4343381	8.32E-07	30YrCancerDerived_InhSoilDermMMilk	8.32E-07
227	ALL	669402.3	4343421	8.32E-07	30YrCancerDerived_InhSoilDermMMilk	8.32E-07
269	ALL	669422.3	4343441	8.31E-07	30YrCancerDerived_InhSoilDermMMilk	8.31E-07
98	ALL	669342.3	4343361	8.30E-07	30YrCancerDerived_InhSoilDermMMilk	8.30E-07
48	ALL	669322.3	4343341	8.27E-07	30YrCancerDerived_InhSoilDermMMilk	8.27E-07
311	ALL	669442.3	4343461	8.27E-07	30YrCancerDerived_InhSoilDermMMilk	8.27E-07
20	ALL	669302.3	4343321	8.23E-07	30YrCancerDerived_InhSoilDermMMilk	8.23E-07
186	ALL	669402.3	4343401	8.14E-07	30YrCancerDerived_InhSoilDermMMilk	8.14E-07
228	ALL	669422.3	4343421	8.13E-07	30YrCancerDerived_InhSoilDermMMilk	8.13E-07
144	ALL	669382.3	4343381	8.12E-07	30YrCancerDerived_InhSoilDermMMilk	8.12E-07
270	ALL	669442.3	4343441	8.12E-07	30YrCancerDerived_InhSoilDermMMilk	8.12E-07
99	ALL	669362.3	4343361	8.11E-07	30YrCancerDerived_InhSoilDermMMilk	8.11E-07

49	ALL	669342.3	4343341	8.08E-07	30YrCancerDerived_InhSoilDermMMilk	8.08E-07
21	ALL	669322.3	4343321	8.05E-07	30YrCancerDerived_InhSoilDermMMilk	8.05E-07
187	ALL	669422.3	4343401	7.95E-07	30YrCancerDerived_InhSoilDermMMilk	7.95E-07
229	ALL	669442.3	4343421	7.94E-07	30YrCancerDerived_InhSoilDermMMilk	7.94E-07
145	ALL	669402.3	4343381	7.94E-07	30YrCancerDerived_InhSoilDermMMilk	7.94E-07
100	ALL	669382.3	4343361	7.92E-07	30YrCancerDerived_InhSoilDermMMilk	7.92E-07
50	ALL	669362.3	4343341	7.90E-07	30YrCancerDerived_InhSoilDermMMilk	7.90E-07
22	ALL	669342.3	4343321	7.86E-07	30YrCancerDerived_InhSoilDermMMilk	7.86E-07
188	ALL	669442.3	4343401	7.77E-07	30YrCancerDerived_InhSoilDermMMilk	7.77E-07
146	ALL	669422.3	4343381	7.76E-07	30YrCancerDerived_InhSoilDermMMilk	7.76E-07
101	ALL	669402.3	4343361	7.74E-07	30YrCancerDerived_InhSoilDermMMilk	7.74E-07
51	ALL	669382.3	4343341	7.72E-07	30YrCancerDerived_InhSoilDermMMilk	7.72E-07
23	ALL	669362.3	4343321	7.68E-07	30YrCancerDerived_InhSoilDermMMilk	7.68E-07
147	ALL	669442.3	4343381	7.59E-07	30YrCancerDerived_InhSoilDermMMilk	7.59E-07
102	ALL	669422.3	4343361	7.57E-07	30YrCancerDerived_InhSoilDermMMilk	7.57E-07
52	ALL	669402.3	4343341	7.54E-07	30YrCancerDerived_InhSoilDermMMilk	7.54E-07
24	ALL	669382.3	4343321	7.50E-07	30YrCancerDerived_InhSoilDermMMilk	7.50E-07
103	ALL	669442.3	4343361	7.41E-07	30YrCancerDerived_InhSoilDermMMilk	7.41E-07
53	ALL	669422.3	4343341	7.38E-07	30YrCancerDerived_InhSoilDermMMilk	7.38E-07
25	ALL	669402.3	4343321	7.33E-07	30YrCancerDerived_InhSoilDermMMilk	7.33E-07
54	ALL	669442.3	4343341	7.22E-07	30YrCancerDerived_InhSoilDermMMilk	7.22E-07
26	ALL	669422.3	4343321	7.16E-07	30YrCancerDerived_InhSoilDermMMilk	7.16E-07
27	ALL	669442.3	4343321	6.99E-07	30YrCancerDerived_InhSoilDermMMilk	6.99E-07

Item # 11.

*HARP - HRACalc v22118 1/16/2024 1:42:17 PM - Chronic Risk - Input File: C:\Users\imcintire\Desktop\HARP2\Dorsey 2\9478_DORSEY_EXISTING-PROJECT_ 20PercentADT\hra\9478_DORSEY_EXISTING-PROJECT_20PercentADT_HRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	MAXHI
1095	ALL		668822.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-02
1060	ALL		668802.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-02
1028	ALL		668782.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-02
1679	ALL		669162.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	9.66E-03
1294	ALL		668889.2	4344116	NonCancerChronicDerived_InhSoilDermMMilk	9.09E-03
1418	ALL		668942.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	9.07E-03
1131	ALL		668822.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	9.04E-03
1725	ALL		669182.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	9.04E-03
1094	ALL		668802.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	8.78E-03
1375	ALL		668922.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	8.65E-03
1548	ALL		669122.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	8.60E-03
1590	ALL		669002.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	8.58E-03
1059	ALL		668782.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	8.51E-03
1027	ALL		668762.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	8.26E-03
999	ALL		668742.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	7.95E-03
1591	ALL		669142.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	7.94E-03
742	ALL		668662.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.84E-03
1505	ALL		668962.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	7.82E-03
765	ALL		668682.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-03
1724	ALL		669042.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	7.71E-03
787	ALL		668702.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.65E-03
975	ALL		668722.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	7.65E-03
1419	ALL		669082.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	7.64E-03
1212	ALL		669002.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	7.49E-03
1461	ALL		668942.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	7.48E-03
1635	ALL		669162.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	7.42E-03
903	ALL		668671.5	4343883	NonCancerChronicDerived_InhSoilDermMMilk	7.29E-03
1462	ALL		669102.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	7.25E-03
1417	ALL		668922.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	7.21E-03
1254	ALL		669022.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	7.13E-03
1680	ALL		669182.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	7.01E-03
1093	ALL		668782.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	6.98E-03
1589	ALL		668982.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	6.92E-03
1506	ALL		669122.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	6.86E-03
1726	ALL		669202.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	6.80E-03
1058	ALL		668762.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	6.78E-03
1295	ALL		669042.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	6.69E-03
1547	ALL		668962.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	6.66E-03
1026	ALL		668742.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	6.54E-03
842	ALL		668602.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	6.42E-03
1504	ALL		668942.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	6.41E-03
1549	ALL		669142.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	6.40E-03
1723	ALL		669022.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	6.33E-03
1334	ALL		669062.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	6.31E-03
998	ALL		668722.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	6.21E-03
1460	ALL		668922.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	6.20E-03
802	ALL		668562.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	6.18E-03
743	ALL		668682.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-03
1678	ALL		669002.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	6.15E-03
1376	ALL		669082.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	6.10E-03
766	ALL		668702.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	6.09E-03
1592	ALL		669162.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	6.05E-03
788	ALL		668722.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	6.04E-03
1634	ALL		668982.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	5.99E-03
1130	ALL		668782.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	5.97E-03
1420	ALL		669102.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	5.84E-03
1213	ALL		669022.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	5.82E-03
1092	ALL		668762.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	5.80E-03
1636	ALL		669182.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	5.71E-03
1463	ALL		669122.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	5.65E-03
1057	ALL		668742.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	5.63E-03
1546	ALL		668942.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	5.62E-03
952	ALL		668682.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	5.56E-03
1681	ALL		669202.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	5.55E-03
1255	ALL		669042.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	5.52E-03
1727	ALL		669222.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	5.49E-03
1503	ALL		668922.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	5.45E-03
1025	ALL		668722.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	5.37E-03
1722	ALL		669002.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	5.35E-03
1211	ALL		668802.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	5.34E-03
1507	ALL		669142.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	5.32E-03
1677	ALL		668982.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	5.24E-03
1170	ALL		668782.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	5.24E-03
841	ALL		668582.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	5.18E-03
821	ALL		668562.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	5.16E-03
1296	ALL		669062.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	5.16E-03
719	ALL		668682.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	5.15E-03
1633	ALL		668962.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	5.12E-03
1129	ALL		668762.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	5.10E-03
744	ALL		668702.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	5.09E-03
1550	ALL		669162.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	5.09E-03
767	ALL		668722.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	5.03E-03
1335	ALL		669082.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	4.98E-03
860	ALL		668822.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	4.97E-03
1091	ALL		668742.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	4.97E-03
879	ALL		668842.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	4.94E-03
1333	ALL		668842.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	4.93E-03
1171	ALL		669022.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.91E-03
1593	ALL		669182.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	4.86E-03
974	ALL		668682.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	4.81E-03
1056	ALL		668722.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	4.80E-03
1253	ALL		668802.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	4.76E-03
1377	ALL		669102.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.75E-03
1210	ALL		668782.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	4.67E-03
1637	ALL		669202.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.66E-03
1721	ALL		668982.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.65E-03
1214	ALL		669042.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	4.63E-03
1421	ALL		669122.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-03
1728	ALL		669242.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-03
1682	ALL		669222.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.60E-03
1169	ALL		668762.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.58E-03
1676	ALL		668962.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.57E-03
951	ALL		668662.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	4.53E-03
1416	ALL		668862.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.53E-03
441	ALL		668542.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	4.52E-03

1464	ALL	669142.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	4.52E-03
1632	ALL	668942.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.48E-03
485	ALL	668562.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	4.47E-03
1374	ALL	668842.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.45E-03
1128	ALL	668742.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	4.44E-03
720	ALL	668702.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	4.39E-03
840	ALL	668562.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	4.35E-03
1090	ALL	668722.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	4.34E-03
1508	ALL	669162.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	4.33E-03
745	ALL	668722.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	4.33E-03
1256	ALL	669062.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	4.32E-03
820	ALL	668542.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	4.32E-03
904	ALL	668882.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	4.29E-03
843	ALL	668822.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	4.28E-03
926	ALL	668902.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	4.28E-03
880	ALL	668862.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	4.26E-03
1252	ALL	668782.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	4.22E-03
1502	ALL	668882.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	4.21E-03
1551	ALL	669182.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	4.19E-03
1209	ALL	668762.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	4.15E-03
1055	ALL	668702.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	4.15E-03
1459	ALL	668862.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	4.11E-03
1720	ALL	668962.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.11E-03
1297	ALL	669082.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	4.10E-03
973	ALL	668662.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	4.09E-03
1168	ALL	668742.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.06E-03
1675	ALL	668942.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.05E-03
1415	ALL	668842.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.04E-03
1594	ALL	669202.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	4.04E-03
1172	ALL	669042.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.01E-03
1336	ALL	669102.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.99E-03
1631	ALL	668922.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.99E-03
1729	ALL	669262.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.98E-03
1373	ALL	668822.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.97E-03
1683	ALL	669242.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.94E-03
1127	ALL	668722.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.94E-03
1638	ALL	669222.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.90E-03
398	ALL	668542.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	3.90E-03
1588	ALL	668902.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.90E-03
442	ALL	668562.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	3.87E-03
1378	ALL	669122.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.85E-03
1089	ALL	668702.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.85E-03
1293	ALL	668782.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.84E-03
1545	ALL	668882.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.84E-03
486	ALL	668582.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	3.83E-03
721	ALL	668722.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	3.82E-03
1422	ALL	669142.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.81E-03
997	ALL	668662.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	3.79E-03
1251	ALL	668762.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.79E-03
905	ALL	668902.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.78E-03
746	ALL	668742.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	3.78E-03
859	ALL	668562.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.78E-03
902	ALL	668602.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.77E-03
1501	ALL	668862.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.77E-03
839	ALL	668542.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	3.76E-03
927	ALL	668922.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.76E-03
844	ALL	668842.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	3.76E-03
1465	ALL	669162.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.74E-03
1215	ALL	669062.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.74E-03
861	ALL	668862.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.74E-03
1208	ALL	668742.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.73E-03
1054	ALL	668682.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	3.71E-03
1458	ALL	668842.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.70E-03
1719	ALL	668942.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.68E-03
976	ALL	668962.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	3.67E-03
1414	ALL	668822.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.64E-03
1167	ALL	668722.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.64E-03
1509	ALL	669182.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.63E-03
1674	ALL	668922.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.63E-03
1630	ALL	668902.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.58E-03
1372	ALL	668802.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.58E-03
972	ALL	668642.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	3.58E-03
1126	ALL	668702.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.55E-03
1132	ALL	669042.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.54E-03
1552	ALL	669202.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.53E-03
1587	ALL	668882.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.52E-03
1730	ALL	669282.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.50E-03
1684	ALL	669262.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.48E-03
1088	ALL	668682.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.48E-03
1292	ALL	668762.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.47E-03
1544	ALL	668862.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.47E-03
1595	ALL	669222.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.46E-03
1257	ALL	669082.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.45E-03
901	ALL	668582.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.44E-03
1250	ALL	668742.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.43E-03
355	ALL	668542.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	3.42E-03
687	ALL	668722.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-03
399	ALL	668562.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-03
1500	ALL	668842.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.40E-03
1639	ALL	669242.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.40E-03
312	ALL	668522.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	3.40E-03
996	ALL	668642.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	3.40E-03
878	ALL	668562.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.40E-03
570	ALL	668642.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	3.40E-03
443	ALL	668582.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	3.38E-03
1298	ALL	669102.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.38E-03
722	ALL	668742.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	3.38E-03
1207	ALL	668722.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.37E-03
925	ALL	668602.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.37E-03
881	ALL	668902.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.37E-03
487	ALL	668602.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	3.37E-03
822	ALL	668842.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	3.36E-03
747	ALL	668762.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	3.36E-03
906	ALL	668922.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.36E-03
858	ALL	668542.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.36E-03
1457	ALL	668822.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.35E-03
862	ALL	668882.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.34E-03

1173	ALL	669062.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.34E-03
928	ALL	668942.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-03
838	ALL	668522.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-03
1718	ALL	668922.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-03
1337	ALL	669122.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.30E-03
1166	ALL	668702.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.30E-03
1413	ALL	668802.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.30E-03
1024	ALL	668642.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	3.30E-03
1673	ALL	668902.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.29E-03
953	ALL	668962.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.28E-03
1629	ALL	668882.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.25E-03
1371	ALL	668782.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.25E-03
1423	ALL	669162.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.25E-03
1379	ALL	669142.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.24E-03
1125	ALL	668682.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.24E-03
977	ALL	668982.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-03
1586	ALL	668862.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-03
1332	ALL	668762.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-03
1466	ALL	669182.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.19E-03
1087	ALL	668662.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.18E-03
924	ALL	668582.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.17E-03
1291	ALL	668742.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.16E-03
1543	ALL	668842.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.16E-03
950	ALL	668602.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.15E-03
900	ALL	668562.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.14E-03
1000	ALL	669002.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	3.14E-03
1731	ALL	669302.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.12E-03
1685	ALL	669282.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.12E-03
1249	ALL	668722.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.12E-03
1053	ALL	668642.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	3.12E-03
1499	ALL	668822.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.11E-03
1216	ALL	669082.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.09E-03
1510	ALL	669202.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.08E-03
1640	ALL	669262.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.08E-03
1206	ALL	668702.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.08E-03
877	ALL	668542.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.08E-03
1456	ALL	668802.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.06E-03
1553	ALL	669222.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.06E-03
571	ALL	668662.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	3.05E-03
688	ALL	668742.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	3.05E-03
1596	ALL	669242.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.05E-03
857	ALL	668522.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-03
529	ALL	668642.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-03
1023	ALL	668622.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-03
1717	ALL	668902.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-03
356	ALL	668562.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-03
723	ALL	668762.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	3.03E-03
1133	ALL	669062.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.03E-03
882	ALL	668922.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.03E-03
313	ALL	668542.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-03
1165	ALL	668682.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-03
1412	ALL	668782.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.01E-03
1672	ALL	668882.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.01E-03
845	ALL	668882.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	3.01E-03
949	ALL	668582.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.98E-03
1628	ALL	668862.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.98E-03
1370	ALL	668762.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-03
929	ALL	668962.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-03
1124	ALL	668662.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-03
923	ALL	668562.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.94E-03
1585	ALL	668842.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.94E-03
1258	ALL	669102.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.93E-03
1331	ALL	668742.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
954	ALL	668982.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
1086	ALL	668642.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.90E-03
1542	ALL	668822.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.89E-03
1290	ALL	668722.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.89E-03
899	ALL	668542.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.89E-03
1299	ALL	669122.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-03
1174	ALL	669082.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-03
978	ALL	669002.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.86E-03
1248	ALL	668702.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.86E-03
1498	ALL	668802.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.85E-03
1052	ALL	668622.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.85E-03
1424	ALL	669182.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-03
1686	ALL	669302.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-03
1380	ALL	669162.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-03
1338	ALL	669142.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-03
876	ALL	668522.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-03
1205	ALL	668682.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.82E-03
1641	ALL	669282.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-03
1455	ALL	668782.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-03
1732	ALL	669322.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.80E-03
1716	ALL	668882.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.79E-03
1467	ALL	669202.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.78E-03
948	ALL	668562.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-03
856	ALL	668502.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-03
1164	ALL	668662.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-03
572	ALL	668682.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-03
1411	ALL	668762.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-03
1671	ALL	668862.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-03
689	ALL	668762.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
1597	ALL	669262.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
530	ALL	668662.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
803	ALL	668862.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
724	ALL	668782.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-03
846	ALL	668902.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	2.74E-03
488	ALL	668642.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.74E-03
1627	ALL	668842.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.74E-03
1369	ALL	668742.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-03
1554	ALL	669242.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-03
922	ALL	668542.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.72E-03
1123	ALL	668642.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-03
1584	ALL	668822.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-03
1511	ALL	669222.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-03
1134	ALL	669082.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-03
1330	ALL	668722.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03

898	ALL	668522.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.67E-03
1541	ALL	668802.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.67E-03
1217	ALL	669102.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-03
1289	ALL	668702.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-03
930	ALL	668982.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-03
1085	ALL	668622.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.65E-03
1247	ALL	668682.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-03
1497	ALL	668782.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-03
955	ALL	669002.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-03
875	ALL	668502.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-03
1051	ALL	668602.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-03
1204	ALL	668662.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.60E-03
1687	ALL	669322.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
1454	ALL	668762.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
1642	ALL	669302.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-03
1715	ALL	668862.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-03
947	ALL	668542.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-03
1670	ALL	668842.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.56E-03
1410	ALL	668742.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
1598	ALL	669282.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
1163	ALL	668642.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
1259	ALL	669122.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-03
1733	ALL	669342.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-03
573	ALL	668702.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-03
1425	ALL	669202.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-03
1381	ALL	669182.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-03
531	ALL	668682.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-03
1626	ALL	668822.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-03
789	ALL	668862.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-03
690	ALL	668782.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
1368	ALL	668722.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
921	ALL	668522.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
725	ALL	668802.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
823	ALL	668902.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
489	ALL	668662.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-03
1555	ALL	669262.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-03
1175	ALL	669102.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-03
1339	ALL	669162.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-03
1583	ALL	668802.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-03
1300	ALL	669142.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.49E-03
1122	ALL	668622.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-03
1329	ALL	668702.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-03
444	ALL	668642.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-03
897	ALL	668502.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-03
1540	ALL	668782.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-03
1468	ALL	669222.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-03
1288	ALL	668682.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-03
1512	ALL	669242.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-03
1084	ALL	668602.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-03
1246	ALL	668662.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-03
1496	ALL	668762.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-03
971	ALL	668542.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-03
874	ALL	668482.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-03
819	ALL	668442.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-03
1714	ALL	668842.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
1203	ALL	668642.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
1453	ALL	668742.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
1050	ALL	668582.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-03
1135	ALL	669102.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-03
1643	ALL	669322.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
946	ALL	668522.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
1669	ALL	668822.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-03
1409	ALL	668722.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-03
1599	ALL	669302.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-03
1688	ALL	669342.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-03
1218	ALL	669122.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-03
920	ALL	668502.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-03
1162	ALL	668622.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-03
1625	ALL	668802.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-03
1556	ALL	669282.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-03
574	ALL	668722.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
790	ALL	668882.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
532	ALL	668702.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
1367	ALL	668702.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
824	ALL	668922.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
691	ALL	668802.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
1582	ALL	668782.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
490	ALL	668682.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
896	ALL	668482.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
1734	ALL	669362.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
1382	ALL	669202.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
995	ALL	668542.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
1328	ALL	668682.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
1513	ALL	669262.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
1539	ALL	668762.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
1121	ALL	668602.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-03
445	ALL	668662.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-03
837	ALL	668442.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-03
1426	ALL	669222.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
1287	ALL	668662.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
400	ALL	668642.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03
1495	ALL	668742.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-03
1245	ALL	668642.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-03
1469	ALL	669242.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
970	ALL	668522.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1340	ALL	669182.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1001	ALL	669062.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
873	ALL	668462.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1083	ALL	668582.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1713	ALL	668822.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-03
1260	ALL	669142.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
1176	ALL	669122.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
1301	ALL	669162.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
1452	ALL	668722.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
945	ALL	668502.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
1202	ALL	668622.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
1668	ALL	668802.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03

1644	ALL	669342.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
919	ALL	668482.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
1049	ALL	668562.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
1408	ALL	668702.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-03
1600	ALL	669322.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-03
1624	ALL	668782.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-03
1557	ALL	669302.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-03
855	ALL	668442.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1022	ALL	668542.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1514	ALL	669282.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1581	ALL	668762.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1161	ALL	668602.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
768	ALL	668882.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
1689	ALL	669362.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
692	ALL	668822.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
1366	ALL	668682.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
895	ALL	668462.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
575	ALL	668742.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
533	ALL	668722.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
491	ALL	668702.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
1136	ALL	669122.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
1538	ALL	668742.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
1327	ALL	668662.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
994	ALL	668522.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
446	ALL	668682.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
55	ALL	668482.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
1470	ALL	669262.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
1286	ALL	668642.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
1494	ALL	668722.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
1120	ALL	668582.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
1219	ALL	669142.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-03
1735	ALL	669382.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-03
1383	ALL	669222.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-03
401	ALL	668662.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-03
969	ALL	668502.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-03
1427	ALL	669242.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
944	ALL	668482.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
357	ALL	668642.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1244	ALL	668622.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1712	ALL	668802.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-03
872	ALL	668442.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-03
1096	ALL	669122.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-03
1451	ALL	668702.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-03
1002	ALL	669082.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
1082	ALL	668562.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
918	ALL	668462.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
1667	ALL	668782.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
1601	ALL	669342.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-03
1407	ALL	668682.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1048	ALL	668542.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1201	ALL	668602.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1623	ALL	668762.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1558	ALL	669322.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1341	ALL	669202.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1515	ALL	669302.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1645	ALL	669362.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
1177	ALL	669142.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
1580	ALL	668742.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
693	ALL	668842.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
1471	ALL	669282.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
665	ALL	668822.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
1021	ALL	668522.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
1261	ALL	669162.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
1302	ALL	669182.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
894	ALL	668442.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
1365	ALL	668662.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
576	ALL	668762.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
1537	ALL	668722.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
534	ALL	668742.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
1160	ALL	668582.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
492	ALL	668722.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
993	ALL	668502.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
968	ALL	668482.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
1326	ALL	668642.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
104	ALL	668522.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
1690	ALL	669382.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
447	ALL	668702.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
943	ALL	668462.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
1493	ALL	668702.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
1428	ALL	669262.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
1119	ALL	668562.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
1285	ALL	668622.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
402	ALL	668682.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
1137	ALL	669142.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
1711	ALL	668782.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
1384	ALL	669242.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
56	ALL	668502.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
358	ALL	668662.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
1450	ALL	668682.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
1081	ALL	668542.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
1243	ALL	668602.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
314	ALL	668642.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
917	ALL	668442.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
1666	ALL	668762.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
1736	ALL	669402.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
1097	ALL	669142.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
1622	ALL	668742.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1220	ALL	669162.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1559	ALL	669342.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1047	ALL	668522.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1602	ALL	669362.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1406	ALL	668662.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1472	ALL	669302.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1516	ALL	669322.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
1579	ALL	668722.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1200	ALL	668582.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1020	ALL	668502.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03

666	ALL	668842.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
992	ALL	668482.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
643	ALL	668822.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
694	ALL	668862.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
967	ALL	668462.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
1429	ALL	669282.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
1342	ALL	669222.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
577	ALL	668782.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
1536	ALL	668702.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
1646	ALL	669382.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
535	ALL	668762.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
1364	ALL	668642.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
1159	ALL	668562.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
942	ALL	668442.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
493	ALL	668742.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
448	ALL	668722.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
791	ALL	668942.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1178	ALL	669162.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1492	ALL	668682.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1325	ALL	668622.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1118	ALL	668542.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1385	ALL	669262.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
403	ALL	668702.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
1710	ALL	668762.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
105	ALL	668542.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
931	ALL	669062.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1080	ALL	668522.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1691	ALL	669402.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1284	ALL	668602.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1262	ALL	669182.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1303	ALL	669202.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1449	ALL	668662.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
359	ALL	668682.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1665	ALL	668742.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
315	ALL	668662.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
1046	ALL	668502.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
1560	ALL	669362.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
57	ALL	668522.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
1621	ALL	668722.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
1138	ALL	669162.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
1019	ALL	668482.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
1242	ALL	668582.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
1517	ALL	669342.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
271	ALL	668642.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
991	ALL	668462.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1473	ALL	669322.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1430	ALL	669302.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1578	ALL	668702.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1098	ALL	669162.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
966	ALL	668442.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1737	ALL	669422.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1405	ALL	668642.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
644	ALL	668842.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1343	ALL	669242.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
667	ALL	668862.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
611	ALL	668822.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1199	ALL	668562.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1603	ALL	669382.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
578	ALL	668802.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
695	ALL	668882.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1535	ALL	668682.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
536	ALL	668782.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1158	ALL	668542.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1386	ALL	669282.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
494	ALL	668762.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
1117	ALL	668522.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1363	ALL	668622.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1221	ALL	669182.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1491	ALL	668662.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
449	ALL	668742.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1647	ALL	669402.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1079	ALL	668502.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1709	ALL	668742.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
404	ALL	668722.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1324	ALL	668602.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1045	ALL	668482.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1344	ALL	669262.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
932	ALL	669082.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1061	ALL	669162.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1664	ALL	668722.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
825	ALL	668982.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
360	ALL	668702.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
1018	ALL	668462.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
1283	ALL	668582.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
316	ALL	668682.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1448	ALL	668642.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
990	ALL	668442.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1518	ALL	669362.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1304	ALL	669222.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1620	ALL	668702.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1474	ALL	669342.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1241	ALL	668562.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1692	ALL	669422.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1179	ALL	669182.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
272	ALL	668662.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1431	ALL	669322.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1561	ALL	669382.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
58	ALL	668542.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1577	ALL	668682.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1198	ALL	668542.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
612	ALL	668842.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
804	ALL	668982.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
579	ALL	668822.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
645	ALL	668862.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
230	ALL	668642.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
1387	ALL	669302.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
537	ALL	668802.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03

1263	ALL	669202.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
668	ALL	668882.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
1157	ALL	668522.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
1404	ALL	668622.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
1534	ALL	668662.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
1116	ALL	668502.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
495	ALL	668782.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1078	ALL	668482.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1139	ALL	669182.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1362	ALL	668602.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1604	ALL	669402.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1738	ALL	669442.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1044	ALL	668462.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
450	ALL	668762.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1099	ALL	669182.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1345	ALL	669282.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1708	ALL	668722.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1490	ALL	668642.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
1323	ALL	668582.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
405	ALL	668742.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
1017	ALL	668442.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
1663	ALL	668702.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
361	ALL	668722.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
1282	ALL	668562.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
1305	ALL	669242.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
317	ALL	668702.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1648	ALL	669422.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1240	ALL	668542.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1519	ALL	669382.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1475	ALL	669362.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1619	ALL	668682.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
273	ALL	668682.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1447	ALL	668622.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1432	ALL	669342.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1197	ALL	668522.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1062	ALL	669182.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1576	ALL	668662.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
1156	ALL	668502.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
580	ALL	668842.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
1306	ALL	669262.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
538	ALL	668822.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
613	ALL	668862.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
1115	ALL	668482.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
1403	ALL	668602.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
1222	ALL	669202.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
231	ALL	668662.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
496	ALL	668802.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
1388	ALL	669322.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
59	ALL	668562.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
646	ALL	668882.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
1562	ALL	669402.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
1077	ALL	668462.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
669	ALL	668902.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
1693	ALL	669442.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
1533	ALL	668642.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1361	ALL	668582.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1043	ALL	668442.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
189	ALL	668642.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1264	ALL	669222.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
451	ALL	668782.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1346	ALL	669302.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1322	ALL	668562.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1707	ALL	668702.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
805	ALL	669002.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
406	ALL	668762.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
1489	ALL	668622.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
1605	ALL	669422.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
1281	ALL	668542.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
362	ALL	668742.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1662	ALL	668682.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1180	ALL	669202.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1029	ALL	669182.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
769	ALL	668982.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
318	ALL	668722.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1239	ALL	668522.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
274	ALL	668702.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
1618	ALL	668662.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
1196	ALL	668502.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1476	ALL	669382.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1433	ALL	669362.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1307	ALL	669282.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1446	ALL	668602.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1155	ALL	668482.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1140	ALL	669202.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1649	ALL	669442.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1114	ALL	668462.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
232	ALL	668682.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1520	ALL	669402.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1575	ALL	668642.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1402	ALL	668582.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1389	ALL	669342.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
497	ALL	668822.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
539	ALL	668842.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1076	ALL	668442.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1100	ALL	669202.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
614	ALL	668882.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
581	ALL	668862.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1360	ALL	668562.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
647	ALL	668902.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
452	ALL	668802.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
60	ALL	668582.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1265	ALL	669242.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1532	ALL	668622.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
190	ALL	668662.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
670	ALL	668922.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1321	ALL	668542.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1347	ALL	669322.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03

1563	ALL	669422.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1706	ALL	668682.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1003	ALL	669182.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
407	ALL	668782.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1280	ALL	668522.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1223	ALL	669222.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
883	ALL	669082.7	4343856	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
726	ALL	668962.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
148	ALL	668642.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
363	ALL	668762.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
748	ALL	668982.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1488	ALL	668602.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1063	ALL	669202.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1661	ALL	668662.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1238	ALL	668502.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1195	ALL	668482.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
319	ALL	668742.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
770	ALL	669002.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1266	ALL	669262.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
275	ALL	668722.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1606	ALL	669442.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1154	ALL	668462.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1617	ALL	668642.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1445	ALL	668582.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1308	ALL	669302.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1113	ALL	668442.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1434	ALL	669382.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
106	ALL	668622.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
233	ALL	668702.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
806	ALL	669022.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1401	ALL	668562.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1390	ALL	669362.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1574	ALL	668622.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1477	ALL	669402.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1181	ALL	669222.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
453	ALL	668822.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1359	ALL	668542.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
498	ALL	668842.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1030	ALL	669202.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
191	ALL	668682.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1521	ALL	669422.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1320	ALL	668522.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
61	ALL	668602.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
615	ALL	668902.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1531	ALL	668602.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
408	ALL	668802.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
540	ALL	668862.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
648	ALL	668922.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
582	ALL	668882.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1141	ALL	669222.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
1279	ALL	668502.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
1705	ALL	668662.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
1237	ALL	668482.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
696	ALL	668962.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1267	ALL	669282.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
149	ALL	668662.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
727	ALL	668982.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1348	ALL	669342.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
364	ALL	668782.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
749	ALL	669002.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1194	ALL	668462.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1487	ALL	668582.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1660	ALL	668642.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1224	ALL	669242.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1101	ALL	669222.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1564	ALL	669442.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1153	ALL	668442.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
320	ALL	668762.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
1444	ALL	668562.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
1616	ALL	668622.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
276	ALL	668742.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1004	ALL	669202.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1309	ALL	669322.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
107	ALL	668642.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
234	ALL	668722.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1400	ALL	668542.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1391	ALL	669382.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
1573	ALL	668602.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
1358	ALL	668522.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
1435	ALL	669402.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
1064	ALL	669222.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
454	ALL	668842.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
192	ALL	668702.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1319	ALL	668502.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
409	ALL	668822.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1478	ALL	669422.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1278	ALL	668482.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1530	ALL	668582.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1225	ALL	669262.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
62	ALL	668622.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1182	ALL	669242.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1236	ALL	668462.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
616	ALL	668922.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
499	ALL	668862.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
1704	ALL	668642.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
365	ALL	668802.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
583	ALL	668902.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
1268	ALL	669302.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
150	ALL	668682.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
1193	ALL	668442.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
697	ALL	668982.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
1522	ALL	669442.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
541	ALL	668882.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
1486	ALL	668562.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1349	ALL	669362.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1659	ALL	668622.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1031	ALL	669222.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03

321	ALL	668782.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1443	ALL	668542.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1142	ALL	669242.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
108	ALL	668662.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1615	ALL	668602.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1399	ALL	668522.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
771	ALL	669042.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
277	ALL	668762.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
1357	ALL	668502.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
235	ALL	668742.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
1318	ALL	668482.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1226	ALL	669282.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1572	ALL	668582.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
193	ALL	668722.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1392	ALL	669402.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1102	ALL	669242.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
410	ALL	668842.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1277	ALL	668462.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1310	ALL	669342.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
826	ALL	669062.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1436	ALL	669422.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
455	ALL	668862.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
907	ALL	669182.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1235	ALL	668442.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1529	ALL	668562.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
366	ALL	668822.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
807	ALL	669062.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
63	ALL	668642.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1005	ALL	669222.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
151	ALL	668702.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1183	ALL	669262.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1350	ALL	669382.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1479	ALL	669442.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
617	ALL	668942.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1703	ALL	668622.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
584	ALL	668922.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
698	ALL	669002.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1269	ALL	669322.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1485	ALL	668542.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
542	ALL	668902.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1065	ALL	669242.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
322	ALL	668802.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
750	ALL	669042.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
500	ALL	668882.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1658	ALL	668602.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1442	ALL	668522.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1398	ALL	668502.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
109	ALL	668682.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
1227	ALL	669302.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
1356	ALL	668482.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
1614	ALL	668582.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
278	ALL	668782.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
772	ALL	669062.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
1317	ALL	668462.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
236	ALL	668762.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1184	ALL	669282.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1571	ALL	668562.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1276	ALL	668442.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
411	ALL	668862.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
194	ALL	668742.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1032	ALL	669242.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1393	ALL	669422.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1143	ALL	669262.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1311	ALL	669362.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
367	ALL	668842.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1528	ALL	668542.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1351	ALL	669402.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1437	ALL	669442.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
618	ALL	668962.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
152	ALL	668722.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
64	ALL	668662.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
456	ALL	668882.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
585	ALL	668942.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
908	ALL	669202.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
323	ALL	668822.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
699	ALL	669022.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1103	ALL	669262.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1702	ALL	668602.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
543	ALL	668922.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1484	ALL	668522.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
728	ALL	669042.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
751	ALL	669062.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
501	ALL	668902.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1441	ALL	668502.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1185	ALL	669302.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1657	ALL	668582.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1397	ALL	668482.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1228	ALL	669322.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1312	ALL	669382.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1144	ALL	669282.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1355	ALL	668462.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
279	ALL	668802.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
110	ALL	668702.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1270	ALL	669342.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1613	ALL	668562.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1316	ALL	668442.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1006	ALL	669242.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
773	ALL	669082.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1066	ALL	669262.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
237	ALL	668782.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1570	ALL	668542.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
884	ALL	669202.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
368	ALL	668862.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
412	ALL	668882.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
195	ALL	668762.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1145	ALL	669302.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
619	ALL	668982.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03

1186	ALL	669322.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
586	ALL	668962.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1394	ALL	669442.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1527	ALL	668522.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1352	ALL	669422.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
544	ALL	668942.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
324	ALL	668842.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
65	ALL	668682.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
457	ALL	668902.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
153	ALL	668742.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1104	ALL	669282.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1483	ALL	668502.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
502	ALL	668922.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
729	ALL	669062.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1313	ALL	669402.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1701	ALL	668582.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1440	ALL	668482.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
979	ALL	669242.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
752	ALL	669082.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
1396	ALL	668462.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
1229	ALL	669342.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
1271	ALL	669362.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
280	ALL	668822.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
1656	ALL	668562.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
1354	ALL	668442.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
111	ALL	668722.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1033	ALL	669262.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
827	ALL	669162.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1146	ALL	669322.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1612	ALL	668542.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1187	ALL	669342.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1272	ALL	669382.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
238	ALL	668802.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
1569	ALL	668522.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
587	ALL	668982.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
369	ALL	668882.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
545	ALL	668962.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
620	ALL	669002.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
196	ALL	668782.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
413	ALL	668902.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
1526	ALL	668502.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
1067	ALL	669282.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
1105	ALL	669302.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
503	ALL	668942.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
458	ALL	668922.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
1147	ALL	669342.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
1230	ALL	669362.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
325	ALL	668862.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
66	ALL	668702.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
1314	ALL	669422.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1353	ALL	669442.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1482	ALL	668482.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
700	ALL	669062.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1439	ALL	668462.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
730	ALL	669082.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
154	ALL	668762.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1007	ALL	669262.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1188	ALL	669362.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
885	ALL	669222.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1395	ALL	668442.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1700	ALL	668562.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
281	ALL	668842.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
828	ALL	669182.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1273	ALL	669402.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1655	ALL	668542.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
792	ALL	669142.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1231	ALL	669382.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
112	ALL	668742.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
239	ALL	668822.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
1148	ALL	669362.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
1611	ALL	668522.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
1106	ALL	669322.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
1568	ALL	668502.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
1189	ALL	669382.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
546	ALL	668982.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
504	ALL	668962.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
588	ALL	669002.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
67	ALL	668722.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
1034	ALL	669282.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
459	ALL	668942.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
197	ALL	668802.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
414	ALL	668922.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
621	ALL	669022.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
370	ALL	668902.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
1525	ALL	668482.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
980	ALL	669262.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
326	ALL	668882.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
1315	ALL	669442.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
1481	ALL	668462.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
863	ALL	669222.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
1274	ALL	669422.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
1232	ALL	669402.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
1438	ALL	668442.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
1068	ALL	669302.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
701	ALL	669082.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
155	ALL	668782.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
282	ALL	668862.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
1149	ALL	669382.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
1107	ALL	669342.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
1699	ALL	668542.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
1654	ALL	668522.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
1190	ALL	669402.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
113	ALL	668762.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
240	ALL	668842.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
1610	ALL	668502.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
956	ALL	669262.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
1567	ALL	668482.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03

547	ALL	669002.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
505	ALL	668982.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
1008	ALL	669282.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
589	ALL	669022.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
460	ALL	668962.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
1233	ALL	669422.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
68	ALL	668742.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
198	ALL	668822.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
415	ALL	668942.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
1108	ALL	669362.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
1275	ALL	669442.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
1524	ALL	668462.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
622	ALL	669042.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
371	ALL	668922.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
1480	ALL	668442.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
327	ALL	668902.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
1150	ALL	669402.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
1069	ALL	669322.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
156	ALL	668802.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
283	ALL	668882.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
774	ALL	669162.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
1035	ALL	669302.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
1698	ALL	668522.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
808	ALL	669202.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
1191	ALL	669422.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
1653	ALL	668502.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
1109	ALL	669382.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
241	ALL	668862.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
114	ALL	668782.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
1609	ALL	668482.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
981	ALL	669282.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
1234	ALL	669442.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
1566	ALL	668462.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
548	ALL	669022.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
506	ALL	669002.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
590	ALL	669042.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
199	ALL	668842.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
461	ALL	668982.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
1070	ALL	669342.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
1523	ALL	668442.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	9.99E-04
69	ALL	668762.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	9.99E-04
416	ALL	668962.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.98E-04
623	ALL	669062.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	9.97E-04
372	ALL	668942.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	9.95E-04
328	ALL	668922.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	9.91E-04
1151	ALL	669422.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	9.91E-04
157	ALL	668822.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.87E-04
1110	ALL	669402.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	9.86E-04
753	ALL	669162.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	9.86E-04
284	ALL	668902.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	9.85E-04
702	ALL	669122.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	9.85E-04
1009	ALL	669302.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	9.85E-04
775	ALL	669182.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	9.85E-04
957	ALL	669282.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	9.82E-04
1697	ALL	668502.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	9.81E-04
1071	ALL	669362.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	9.77E-04
1652	ALL	668482.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	9.76E-04
242	ALL	668882.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	9.76E-04
809	ALL	669222.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	9.76E-04
1192	ALL	669442.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	9.76E-04
115	ALL	668802.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.73E-04
1608	ALL	668462.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	9.70E-04
1036	ALL	669322.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	9.70E-04
1565	ALL	668442.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	9.67E-04
933	ALL	669282.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	9.66E-04
200	ALL	668862.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.65E-04
549	ALL	669042.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.65E-04
591	ALL	669062.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	9.64E-04
507	ALL	669022.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	9.64E-04
462	ALL	669002.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	9.63E-04
70	ALL	668782.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	9.61E-04
624	ALL	669082.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	9.60E-04
417	ALL	668982.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.60E-04
373	ALL	668962.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	9.57E-04
1072	ALL	669382.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	9.56E-04
329	ALL	668942.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	9.54E-04
982	ALL	669302.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	9.53E-04
158	ALL	668842.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.52E-04
1111	ALL	669422.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	9.52E-04
703	ALL	669142.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	9.49E-04
285	ALL	668922.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	9.49E-04
1152	ALL	669442.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	9.48E-04
1010	ALL	669322.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	9.45E-04
1696	ALL	668482.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	9.45E-04
243	ALL	668902.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	9.41E-04
1037	ALL	669342.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	9.41E-04
1651	ALL	668462.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	9.40E-04
116	ALL	668822.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.39E-04
1607	ALL	668442.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	9.36E-04
1073	ALL	669402.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	9.34E-04
201	ALL	668882.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.32E-04
550	ALL	669062.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.30E-04
508	ALL	669042.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	9.29E-04
592	ALL	669082.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	9.29E-04
463	ALL	669022.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	9.28E-04
958	ALL	669302.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	9.28E-04
71	ALL	668802.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	9.26E-04
625	ALL	669102.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	9.26E-04
418	ALL	669002.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.24E-04
159	ALL	668862.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.21E-04
374	ALL	668982.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	9.20E-04
1038	ALL	669362.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	9.19E-04
671	ALL	669142.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	9.19E-04
704	ALL	669162.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	9.17E-04
330	ALL	668962.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	9.17E-04
286	ALL	668942.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	9.14E-04
983	ALL	669322.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	9.13E-04

1112	ALL	669442.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	9.13E-04
934	ALL	669302.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	9.13E-04
1011	ALL	669342.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	9.12E-04
1695	ALL	668462.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	9.11E-04
244	ALL	668922.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	9.08E-04
117	ALL	668842.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.07E-04
1650	ALL	668442.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	9.07E-04
1074	ALL	669422.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	9.06E-04
909	ALL	669302.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	9.01E-04
202	ALL	668902.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.00E-04
1039	ALL	669382.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	9.00E-04
551	ALL	669082.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.97E-04
593	ALL	669102.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.97E-04
509	ALL	669062.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.96E-04
464	ALL	669042.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.95E-04
626	ALL	669122.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.94E-04
72	ALL	668822.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.94E-04
419	ALL	669022.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.91E-04
649	ALL	669142.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.91E-04
160	ALL	668882.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.90E-04
672	ALL	669162.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.90E-04
705	ALL	669182.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.87E-04
375	ALL	669002.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.86E-04
886	ALL	669302.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	8.86E-04
1012	ALL	669362.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	8.85E-04
959	ALL	669322.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	8.85E-04
984	ALL	669342.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	8.82E-04
331	ALL	668982.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.82E-04
1694	ALL	668442.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	8.80E-04
1040	ALL	669402.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	8.79E-04
287	ALL	668962.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.79E-04
118	ALL	668862.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.78E-04
245	ALL	668942.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.75E-04
776	ALL	669242.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.74E-04
1075	ALL	669442.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	8.73E-04
935	ALL	669322.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.72E-04
203	ALL	668922.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.69E-04
552	ALL	669102.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.66E-04
594	ALL	669122.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.66E-04
910	ALL	669322.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	8.66E-04
510	ALL	669082.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.65E-04
627	ALL	669142.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.65E-04
465	ALL	669062.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.64E-04
864	ALL	669302.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	8.64E-04
73	ALL	668842.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.63E-04
1013	ALL	669382.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	8.63E-04
650	ALL	669162.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.62E-04
420	ALL	669042.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.61E-04
673	ALL	669182.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.60E-04
161	ALL	668902.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.60E-04
706	ALL	669202.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.59E-04
985	ALL	669362.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	8.58E-04
960	ALL	669342.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	8.57E-04
1041	ALL	669422.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	8.56E-04
376	ALL	669022.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.56E-04
887	ALL	669322.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	8.56E-04
936	ALL	669342.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.53E-04
119	ALL	668882.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.50E-04
332	ALL	669002.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.50E-04
911	ALL	669342.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	8.47E-04
288	ALL	668982.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.47E-04
1014	ALL	669402.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	8.44E-04
246	ALL	668962.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.43E-04
754	ALL	669242.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.43E-04
986	ALL	669382.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	8.42E-04
847	ALL	669302.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	8.40E-04
810	ALL	669282.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	8.39E-04
204	ALL	668942.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.39E-04
961	ALL	669362.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	8.38E-04
595	ALL	669142.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.37E-04
553	ALL	669122.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.37E-04
74	ALL	668862.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.36E-04
511	ALL	669102.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.36E-04
628	ALL	669162.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.36E-04
865	ALL	669322.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	8.35E-04
937	ALL	669362.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.35E-04
888	ALL	669342.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	8.35E-04
466	ALL	669082.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.34E-04
651	ALL	669182.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.34E-04
777	ALL	669262.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.33E-04
421	ALL	669062.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.32E-04
162	ALL	668922.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.32E-04
674	ALL	669202.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.31E-04
1042	ALL	669442.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	8.30E-04
962	ALL	669382.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	8.28E-04
377	ALL	669042.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.28E-04
912	ALL	669362.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	8.27E-04
707	ALL	669222.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.25E-04
987	ALL	669402.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	8.25E-04
1015	ALL	669422.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	8.24E-04
120	ALL	668902.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.23E-04
333	ALL	669022.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.21E-04
829	ALL	669302.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	8.19E-04
938	ALL	669382.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.18E-04
289	ALL	669002.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.16E-04
731	ALL	669242.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	8.15E-04
793	ALL	669282.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	8.15E-04
247	ALL	668982.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.14E-04
889	ALL	669362.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	8.13E-04
866	ALL	669342.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	8.12E-04
75	ALL	668882.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.12E-04
848	ALL	669322.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	8.11E-04
963	ALL	669402.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	8.11E-04
205	ALL	668962.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.10E-04
554	ALL	669142.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.09E-04
596	ALL	669162.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.09E-04
512	ALL	669122.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.08E-04

629	ALL	669182.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.08E-04
467	ALL	669102.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.07E-04
988	ALL	669422.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	8.07E-04
652	ALL	669202.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.06E-04
913	ALL	669382.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	8.06E-04
422	ALL	669082.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.05E-04
163	ALL	668942.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.04E-04
811	ALL	669302.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	8.03E-04
378	ALL	669062.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.01E-04
755	ALL	669262.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.00E-04
675	ALL	669222.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.00E-04
1016	ALL	669442.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	8.00E-04
939	ALL	669402.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.00E-04
121	ALL	668922.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.96E-04
334	ALL	669042.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.95E-04
964	ALL	669422.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	7.94E-04
867	ALL	669362.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	7.91E-04
849	ALL	669342.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	7.91E-04
708	ALL	669242.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.90E-04
76	ALL	668902.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.90E-04
290	ALL	669022.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.90E-04
890	ALL	669382.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	7.90E-04
830	ALL	669322.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	7.89E-04
778	ALL	669282.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.88E-04
989	ALL	669442.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	7.87E-04
248	ALL	669002.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.86E-04
914	ALL	669402.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	7.85E-04
206	ALL	668982.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.83E-04
513	ALL	669142.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.82E-04
555	ALL	669162.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.82E-04
597	ALL	669182.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.82E-04
630	ALL	669202.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.81E-04
468	ALL	669122.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.81E-04
940	ALL	669422.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	7.79E-04
794	ALL	669302.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.79E-04
423	ALL	669102.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.78E-04
164	ALL	668962.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.78E-04
653	ALL	669222.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.77E-04
965	ALL	669442.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-04
379	ALL	669082.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-04
732	ALL	669262.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.74E-04
812	ALL	669322.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.72E-04
122	ALL	668942.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.71E-04
850	ALL	669362.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	7.70E-04
868	ALL	669382.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	7.70E-04
335	ALL	669062.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.70E-04
831	ALL	669342.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	7.70E-04
891	ALL	669402.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	7.68E-04
676	ALL	669242.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.67E-04
77	ALL	668922.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.67E-04
291	ALL	669042.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.65E-04
915	ALL	669422.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	7.64E-04
249	ALL	669022.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.60E-04
941	ALL	669442.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	7.58E-04
756	ALL	669282.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.58E-04
207	ALL	669002.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.57E-04
556	ALL	669182.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.56E-04
514	ALL	669162.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.56E-04
598	ALL	669202.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.56E-04
469	ALL	669142.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.55E-04
631	ALL	669222.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.55E-04
424	ALL	669122.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.54E-04
165	ALL	668982.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.53E-04
709	ALL	669262.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.53E-04
813	ALL	669342.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.51E-04
779	ALL	669302.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.51E-04
832	ALL	669362.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	7.51E-04
380	ALL	669102.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.51E-04
851	ALL	669382.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	7.51E-04
869	ALL	669402.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	7.50E-04
123	ALL	668962.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.48E-04
795	ALL	669322.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.47E-04
892	ALL	669422.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	7.47E-04
654	ALL	669242.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.47E-04
336	ALL	669082.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.46E-04
78	ALL	668942.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.44E-04
916	ALL	669442.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	7.42E-04
292	ALL	669062.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.41E-04
28	ALL	668922.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.39E-04
250	ALL	669042.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.37E-04
733	ALL	669282.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.35E-04
599	ALL	669222.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.33E-04
208	ALL	669022.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.33E-04
677	ALL	669262.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.33E-04
814	ALL	669362.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.33E-04
833	ALL	669382.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	7.32E-04
515	ALL	669182.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.32E-04
557	ALL	669202.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.32E-04
852	ALL	669402.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	7.31E-04
470	ALL	669162.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.31E-04
166	ALL	669002.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.30E-04
425	ALL	669142.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.30E-04
870	ALL	669422.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	7.30E-04
796	ALL	669342.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.28E-04
632	ALL	669242.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.28E-04
381	ALL	669122.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.27E-04
893	ALL	669442.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	7.27E-04
124	ALL	668982.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.25E-04
757	ALL	669302.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.25E-04
337	ALL	669102.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.23E-04
79	ALL	668962.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.22E-04
780	ALL	669322.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.21E-04
293	ALL	669082.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.18E-04
29	ALL	668942.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.17E-04
710	ALL	669282.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.17E-04
655	ALL	669262.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.16E-04
815	ALL	669382.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.15E-04

834	ALL	669402.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	7.15E-04
251	ALL	669062.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.14E-04
853	ALL	669422.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	7.14E-04
797	ALL	669362.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.13E-04
1	ALL	668922.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.13E-04
209	ALL	669042.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.11E-04
871	ALL	669442.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	7.10E-04
558	ALL	669222.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.10E-04
600	ALL	669242.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.10E-04
516	ALL	669202.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.08E-04
167	ALL	669022.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.08E-04
471	ALL	669182.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.08E-04
426	ALL	669162.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.07E-04
678	ALL	669282.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.05E-04
382	ALL	669142.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.05E-04
781	ALL	669342.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.04E-04
125	ALL	669002.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.04E-04
734	ALL	669302.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.04E-04
758	ALL	669322.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.03E-04
633	ALL	669262.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.02E-04
338	ALL	669122.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.01E-04
80	ALL	668982.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.01E-04
798	ALL	669382.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.00E-04
816	ALL	669402.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	6.98E-04
294	ALL	669102.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-04
30	ALL	668962.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-04
835	ALL	669422.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	6.96E-04
854	ALL	669442.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	6.93E-04
252	ALL	669082.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.93E-04
2	ALL	668942.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.92E-04
782	ALL	669362.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	6.92E-04
656	ALL	669282.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.91E-04
559	ALL	669242.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.90E-04
210	ALL	669062.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.89E-04
517	ALL	669222.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.87E-04
711	ALL	669302.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.87E-04
168	ALL	669042.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.87E-04
601	ALL	669262.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.86E-04
472	ALL	669202.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.85E-04
427	ALL	669182.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.85E-04
126	ALL	669022.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.84E-04
383	ALL	669162.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.83E-04
759	ALL	669342.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.82E-04
735	ALL	669322.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.82E-04
783	ALL	669382.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	6.82E-04
81	ALL	669002.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.81E-04
339	ALL	669142.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.81E-04
799	ALL	669402.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	6.80E-04
679	ALL	669302.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.78E-04
634	ALL	669282.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.78E-04
817	ALL	669422.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	6.78E-04
31	ALL	668982.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.77E-04
295	ALL	669122.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.77E-04
836	ALL	669442.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	6.75E-04
3	ALL	668962.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.73E-04
253	ALL	669102.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.73E-04
211	ALL	669082.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.69E-04
560	ALL	669262.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.69E-04
657	ALL	669302.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.69E-04
518	ALL	669242.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.68E-04
760	ALL	669362.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.68E-04
169	ALL	669062.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.67E-04
736	ALL	669342.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.66E-04
473	ALL	669222.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.66E-04
127	ALL	669042.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.65E-04
602	ALL	669282.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.64E-04
712	ALL	669322.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.63E-04
428	ALL	669202.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.63E-04
784	ALL	669402.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	6.63E-04
384	ALL	669182.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.63E-04
82	ALL	669022.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.62E-04
761	ALL	669382.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.61E-04
800	ALL	669422.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	6.61E-04
340	ALL	669162.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.60E-04
32	ALL	669002.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.59E-04
818	ALL	669442.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	6.58E-04
296	ALL	669142.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.58E-04
680	ALL	669322.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.57E-04
635	ALL	669302.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.57E-04
4	ALL	668982.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.55E-04
254	ALL	669122.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.54E-04
737	ALL	669362.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.53E-04
713	ALL	669342.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.52E-04
212	ALL	669102.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.51E-04
519	ALL	669262.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.50E-04
561	ALL	669282.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.49E-04
658	ALL	669322.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.49E-04
170	ALL	669082.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.48E-04
474	ALL	669242.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.47E-04
128	ALL	669062.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.46E-04
429	ALL	669222.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.44E-04
785	ALL	669422.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	6.44E-04
603	ALL	669302.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.44E-04
83	ALL	669042.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.44E-04
762	ALL	669402.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.43E-04
738	ALL	669382.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.43E-04
385	ALL	669202.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.42E-04
33	ALL	669022.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.42E-04
714	ALL	669362.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.42E-04
801	ALL	669442.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	6.41E-04
681	ALL	669342.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.41E-04
341	ALL	669182.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.41E-04
297	ALL	669162.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.39E-04
5	ALL	669002.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.38E-04
636	ALL	669322.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.37E-04
255	ALL	669142.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.36E-04
213	ALL	669122.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.33E-04

520	ALL	669282.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.32E-04
171	ALL	669102.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.30E-04
562	ALL	669302.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.30E-04
659	ALL	669342.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.30E-04
475	ALL	669262.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.29E-04
129	ALL	669082.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.29E-04
430	ALL	669242.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.27E-04
715	ALL	669382.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.26E-04
84	ALL	669062.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.26E-04
763	ALL	669422.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.26E-04
739	ALL	669402.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.26E-04
786	ALL	669442.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	6.25E-04
682	ALL	669362.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.25E-04
604	ALL	669322.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.24E-04
386	ALL	669222.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.24E-04
34	ALL	669042.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.24E-04
342	ALL	669202.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.22E-04
6	ALL	669022.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.22E-04
298	ALL	669182.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.20E-04
637	ALL	669342.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.18E-04
256	ALL	669162.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.18E-04
214	ALL	669142.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-04
521	ALL	669302.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.14E-04
172	ALL	669122.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.13E-04
476	ALL	669282.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.13E-04
660	ALL	669362.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.12E-04
130	ALL	669102.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.12E-04
563	ALL	669322.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.11E-04
431	ALL	669262.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.10E-04
85	ALL	669082.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.10E-04
716	ALL	669402.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.10E-04
764	ALL	669442.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.10E-04
740	ALL	669422.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.09E-04
683	ALL	669382.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.09E-04
35	ALL	669062.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.07E-04
387	ALL	669242.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.07E-04
605	ALL	669342.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.06E-04
7	ALL	669042.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.06E-04
343	ALL	669222.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.05E-04
299	ALL	669202.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.03E-04
257	ALL	669182.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.01E-04
638	ALL	669362.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.01E-04
215	ALL	669162.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.99E-04
173	ALL	669142.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.97E-04
522	ALL	669322.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.97E-04
477	ALL	669302.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.96E-04
131	ALL	669122.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.96E-04
661	ALL	669382.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	5.96E-04
564	ALL	669342.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	5.94E-04
432	ALL	669282.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.94E-04
684	ALL	669402.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	5.94E-04
86	ALL	669102.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.94E-04
741	ALL	669442.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	5.94E-04
717	ALL	669422.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	5.93E-04
388	ALL	669262.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.91E-04
36	ALL	669082.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.91E-04
8	ALL	669062.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.90E-04
344	ALL	669242.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.90E-04
606	ALL	669362.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	5.89E-04
300	ALL	669222.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.88E-04
258	ALL	669202.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.85E-04
639	ALL	669382.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	5.84E-04
216	ALL	669182.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.83E-04
174	ALL	669162.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.82E-04
662	ALL	669402.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	5.81E-04
478	ALL	669322.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.81E-04
132	ALL	669142.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.80E-04
523	ALL	669342.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.80E-04
685	ALL	669422.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	5.79E-04
87	ALL	669122.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.79E-04
433	ALL	669302.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.78E-04
718	ALL	669442.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	5.78E-04
565	ALL	669362.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	5.78E-04
37	ALL	669102.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.76E-04
389	ALL	669282.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.76E-04
345	ALL	669262.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.75E-04
9	ALL	669082.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.75E-04
607	ALL	669382.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	5.74E-04
301	ALL	669242.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.73E-04
259	ALL	669222.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.71E-04
640	ALL	669402.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	5.69E-04
217	ALL	669202.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.68E-04
175	ALL	669182.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.67E-04
133	ALL	669162.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.66E-04
663	ALL	669422.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	5.66E-04
479	ALL	669342.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.65E-04
88	ALL	669142.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.65E-04
686	ALL	669442.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	5.64E-04
524	ALL	669362.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.64E-04
434	ALL	669322.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.63E-04
38	ALL	669122.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.62E-04
566	ALL	669382.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	5.62E-04
390	ALL	669302.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.61E-04
10	ALL	669102.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.60E-04
346	ALL	669282.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.59E-04
302	ALL	669262.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.59E-04
608	ALL	669402.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	5.58E-04
260	ALL	669242.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.57E-04
218	ALL	669222.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.55E-04
641	ALL	669422.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	5.54E-04
176	ALL	669202.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.54E-04
134	ALL	669182.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.53E-04
89	ALL	669162.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.52E-04
664	ALL	669442.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	5.52E-04
480	ALL	669362.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.50E-04
39	ALL	669142.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.49E-04
525	ALL	669382.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.49E-04

435	ALL	669342.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.49E-04
11	ALL	669122.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.47E-04
567	ALL	669402.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	5.47E-04
391	ALL	669322.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.46E-04
347	ALL	669302.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.44E-04
303	ALL	669282.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.44E-04
261	ALL	669262.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.44E-04
219	ALL	669242.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.43E-04
609	ALL	669422.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	5.43E-04
177	ALL	669222.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.42E-04
135	ALL	669202.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.41E-04
642	ALL	669442.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	5.40E-04
90	ALL	669182.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.40E-04
40	ALL	669162.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.37E-04
481	ALL	669382.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.36E-04
436	ALL	669362.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.35E-04
12	ALL	669142.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.35E-04
526	ALL	669402.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.34E-04
392	ALL	669342.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.32E-04
568	ALL	669422.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	5.32E-04
220	ALL	669262.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.31E-04
262	ALL	669282.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.31E-04
304	ALL	669302.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.31E-04
348	ALL	669322.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-04
178	ALL	669242.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-04
136	ALL	669222.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-04
610	ALL	669442.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	5.29E-04
91	ALL	669202.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.29E-04
41	ALL	669182.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.26E-04
13	ALL	669162.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.23E-04
482	ALL	669402.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.22E-04
437	ALL	669382.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.21E-04
527	ALL	669422.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.20E-04
393	ALL	669362.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.19E-04
179	ALL	669262.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.19E-04
221	ALL	669282.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.18E-04
137	ALL	669242.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.18E-04
569	ALL	669442.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	5.18E-04
263	ALL	669302.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.18E-04
92	ALL	669222.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.18E-04
305	ALL	669322.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.18E-04
349	ALL	669342.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.17E-04
42	ALL	669202.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.16E-04
14	ALL	669182.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.13E-04
483	ALL	669422.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.08E-04
438	ALL	669402.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.08E-04
138	ALL	669262.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.07E-04
528	ALL	669442.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.07E-04
180	ALL	669282.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.07E-04
394	ALL	669382.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-04
93	ALL	669242.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-04
222	ALL	669302.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-04
264	ALL	669322.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-04
43	ALL	669222.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.05E-04
306	ALL	669342.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.05E-04
350	ALL	669362.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.04E-04
15	ALL	669202.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.02E-04
139	ALL	669282.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-04
484	ALL	669442.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-04
439	ALL	669422.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-04
181	ALL	669302.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-04
94	ALL	669262.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-04
223	ALL	669322.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.94E-04
265	ALL	669342.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	4.94E-04
395	ALL	669402.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	4.93E-04
44	ALL	669242.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.93E-04
307	ALL	669362.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	4.92E-04
351	ALL	669382.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	4.92E-04
16	ALL	669222.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.92E-04
140	ALL	669302.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.84E-04
182	ALL	669322.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.83E-04
95	ALL	669282.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.83E-04
224	ALL	669342.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.83E-04
440	ALL	669442.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	4.82E-04
266	ALL	669362.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	4.82E-04
45	ALL	669262.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.82E-04
396	ALL	669422.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	4.81E-04
308	ALL	669382.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	4.81E-04
17	ALL	669242.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.80E-04
352	ALL	669402.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	4.80E-04
141	ALL	669322.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.73E-04
183	ALL	669342.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.72E-04
96	ALL	669302.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.72E-04
225	ALL	669362.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.72E-04
267	ALL	669382.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	4.71E-04
46	ALL	669282.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.70E-04
309	ALL	669402.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	4.70E-04
397	ALL	669442.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	4.69E-04
18	ALL	669262.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.68E-04
353	ALL	669422.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	4.68E-04
184	ALL	669362.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-04
142	ALL	669342.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-04
226	ALL	669382.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.61E-04
97	ALL	669322.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.61E-04
268	ALL	669402.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	4.61E-04
47	ALL	669302.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.59E-04
310	ALL	669422.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	4.59E-04
19	ALL	669282.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.57E-04
354	ALL	669442.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	4.57E-04
185	ALL	669382.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.52E-04
143	ALL	669362.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.52E-04
227	ALL	669402.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.52E-04
269	ALL	669422.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	4.51E-04
98	ALL	669342.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.51E-04
48	ALL	669322.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.49E-04
311	ALL	669442.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	4.49E-04
20	ALL	669302.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.47E-04

186	ALL	669402.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.42E-04
228	ALL	669422.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.41E-04
144	ALL	669382.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.41E-04
270	ALL	669442.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	4.41E-04
99	ALL	669362.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.40E-04
49	ALL	669342.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.39E-04
21	ALL	669322.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.37E-04
187	ALL	669422.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.32E-04
229	ALL	669442.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.31E-04
145	ALL	669402.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.31E-04
100	ALL	669382.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.30E-04
50	ALL	669362.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.29E-04
22	ALL	669342.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.27E-04
188	ALL	669442.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.22E-04
146	ALL	669422.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.21E-04
101	ALL	669402.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.20E-04
51	ALL	669382.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.19E-04
23	ALL	669362.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.17E-04
147	ALL	669442.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.12E-04
102	ALL	669422.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.11E-04
52	ALL	669402.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.09E-04
24	ALL	669382.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.07E-04
103	ALL	669442.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.02E-04
53	ALL	669422.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.00E-04
25	ALL	669402.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	3.98E-04
54	ALL	669442.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	3.92E-04
26	ALL	669422.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	3.88E-04
27	ALL	669442.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	3.79E-04

Item # 11.

*HARP - HRACalc v22118 1/16/2024 11:22:55 AM - Cancer Risk - Input File: C:\Users\imcintire\Desktop\HARP2\Dorsey 2\9478_DORSEY_CUMULATIVE-PROJECT_ 20PercentADT\hra\9478_DORSEY_CUMULATIVE-PROJECT_20PercentADT_HRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK
1095	ALL		668822.3	4344021	2.37E-05	30YrCancerDerived_InhSoilDermMMilk	2.37E-05
1060	ALL		668802.3	4344001	2.29E-05	30YrCancerDerived_InhSoilDermMMilk	2.29E-05
1028	ALL		668782.3	4343981	2.20E-05	30YrCancerDerived_InhSoilDermMMilk	2.20E-05
1679	ALL		669162.3	4344301	1.92E-05	30YrCancerDerived_InhSoilDermMMilk	1.92E-05
1294	ALL		668889.2	4344116	1.80E-05	30YrCancerDerived_InhSoilDermMMilk	1.80E-05
1418	ALL		668942.3	4344181	1.80E-05	30YrCancerDerived_InhSoilDermMMilk	1.80E-05
1131	ALL		668822.3	4344041	1.79E-05	30YrCancerDerived_InhSoilDermMMilk	1.79E-05
1725	ALL		669182.3	4344321	1.79E-05	30YrCancerDerived_InhSoilDermMMilk	1.79E-05
1094	ALL		668802.3	4344021	1.74E-05	30YrCancerDerived_InhSoilDermMMilk	1.74E-05
1375	ALL		668922.3	4344161	1.72E-05	30YrCancerDerived_InhSoilDermMMilk	1.72E-05
1548	ALL		669122.3	4344241	1.71E-05	30YrCancerDerived_InhSoilDermMMilk	1.71E-05
1590	ALL		669002.3	4344261	1.70E-05	30YrCancerDerived_InhSoilDermMMilk	1.70E-05
1059	ALL		668782.3	4344001	1.69E-05	30YrCancerDerived_InhSoilDermMMilk	1.69E-05
1027	ALL		668762.3	4343981	1.64E-05	30YrCancerDerived_InhSoilDermMMilk	1.64E-05
999	ALL		668742.3	4343961	1.58E-05	30YrCancerDerived_InhSoilDermMMilk	1.58E-05
1591	ALL		669142.3	4344261	1.58E-05	30YrCancerDerived_InhSoilDermMMilk	1.58E-05
742	ALL		668662.3	4343721	1.56E-05	30YrCancerDerived_InhSoilDermMMilk	1.56E-05
1505	ALL		668962.3	4344221	1.55E-05	30YrCancerDerived_InhSoilDermMMilk	1.55E-05
765	ALL		668682.3	4343741	1.54E-05	30YrCancerDerived_InhSoilDermMMilk	1.54E-05
1724	ALL		669042.3	4344321	1.53E-05	30YrCancerDerived_InhSoilDermMMilk	1.53E-05
787	ALL		668702.3	4343761	1.52E-05	30YrCancerDerived_InhSoilDermMMilk	1.52E-05
975	ALL		668722.3	4343941	1.52E-05	30YrCancerDerived_InhSoilDermMMilk	1.52E-05
1419	ALL		669082.3	4344181	1.52E-05	30YrCancerDerived_InhSoilDermMMilk	1.52E-05
1212	ALL		669002.3	4344081	1.49E-05	30YrCancerDerived_InhSoilDermMMilk	1.49E-05
1461	ALL		668942.3	4344201	1.48E-05	30YrCancerDerived_InhSoilDermMMilk	1.48E-05
1635	ALL		669162.3	4344281	1.47E-05	30YrCancerDerived_InhSoilDermMMilk	1.47E-05
903	ALL		668671.5	4343883	1.45E-05	30YrCancerDerived_InhSoilDermMMilk	1.45E-05
1462	ALL		669102.3	4344201	1.44E-05	30YrCancerDerived_InhSoilDermMMilk	1.44E-05
1417	ALL		668922.3	4344181	1.43E-05	30YrCancerDerived_InhSoilDermMMilk	1.43E-05
1254	ALL		669022.3	4344101	1.41E-05	30YrCancerDerived_InhSoilDermMMilk	1.41E-05
1680	ALL		669182.3	4344301	1.39E-05	30YrCancerDerived_InhSoilDermMMilk	1.39E-05
1093	ALL		668782.3	4344021	1.39E-05	30YrCancerDerived_InhSoilDermMMilk	1.39E-05
1589	ALL		668982.3	4344261	1.37E-05	30YrCancerDerived_InhSoilDermMMilk	1.37E-05
1506	ALL		669122.3	4344221	1.36E-05	30YrCancerDerived_InhSoilDermMMilk	1.36E-05
1726	ALL		669202.3	4344321	1.35E-05	30YrCancerDerived_InhSoilDermMMilk	1.35E-05
1058	ALL		668762.3	4344001	1.35E-05	30YrCancerDerived_InhSoilDermMMilk	1.35E-05
1295	ALL		669042.3	4344121	1.33E-05	30YrCancerDerived_InhSoilDermMMilk	1.33E-05
1547	ALL		668962.3	4344241	1.32E-05	30YrCancerDerived_InhSoilDermMMilk	1.32E-05
1026	ALL		668742.3	4343981	1.30E-05	30YrCancerDerived_InhSoilDermMMilk	1.30E-05
842	ALL		668602.3	4343821	1.27E-05	30YrCancerDerived_InhSoilDermMMilk	1.27E-05
1504	ALL		668942.3	4344221	1.27E-05	30YrCancerDerived_InhSoilDermMMilk	1.27E-05
1549	ALL		669142.3	4344241	1.27E-05	30YrCancerDerived_InhSoilDermMMilk	1.27E-05
1723	ALL		669022.3	4344321	1.26E-05	30YrCancerDerived_InhSoilDermMMilk	1.26E-05
1334	ALL		669062.3	4344141	1.25E-05	30YrCancerDerived_InhSoilDermMMilk	1.25E-05
998	ALL		668722.3	4343961	1.23E-05	30YrCancerDerived_InhSoilDermMMilk	1.23E-05
1460	ALL		668922.3	4344201	1.23E-05	30YrCancerDerived_InhSoilDermMMilk	1.23E-05
802	ALL		668562.3	4343781	1.23E-05	30YrCancerDerived_InhSoilDermMMilk	1.23E-05
743	ALL		668682.3	4343721	1.22E-05	30YrCancerDerived_InhSoilDermMMilk	1.22E-05
1678	ALL		669002.3	4344301	1.22E-05	30YrCancerDerived_InhSoilDermMMilk	1.22E-05
1376	ALL		669082.3	4344161	1.21E-05	30YrCancerDerived_InhSoilDermMMilk	1.21E-05
766	ALL		668702.3	4343741	1.21E-05	30YrCancerDerived_InhSoilDermMMilk	1.21E-05
1592	ALL		669162.3	4344261	1.20E-05	30YrCancerDerived_InhSoilDermMMilk	1.20E-05
788	ALL		668722.3	4343761	1.20E-05	30YrCancerDerived_InhSoilDermMMilk	1.20E-05
1634	ALL		668982.3	4344281	1.19E-05	30YrCancerDerived_InhSoilDermMMilk	1.19E-05
1130	ALL		668782.3	4344041	1.19E-05	30YrCancerDerived_InhSoilDermMMilk	1.19E-05
1420	ALL		669102.3	4344181	1.16E-05	30YrCancerDerived_InhSoilDermMMilk	1.16E-05
1213	ALL		669022.3	4344081	1.15E-05	30YrCancerDerived_InhSoilDermMMilk	1.15E-05
1092	ALL		668762.3	4344021	1.15E-05	30YrCancerDerived_InhSoilDermMMilk	1.15E-05
1636	ALL		669182.3	4344281	1.13E-05	30YrCancerDerived_InhSoilDermMMilk	1.13E-05
1463	ALL		669122.3	4344201	1.12E-05	30YrCancerDerived_InhSoilDermMMilk	1.12E-05
1057	ALL		668742.3	4344001	1.12E-05	30YrCancerDerived_InhSoilDermMMilk	1.12E-05
1546	ALL		668942.3	4344241	1.12E-05	30YrCancerDerived_InhSoilDermMMilk	1.12E-05
952	ALL		668682.3	4343921	1.10E-05	30YrCancerDerived_InhSoilDermMMilk	1.10E-05
1681	ALL		669202.3	4344301	1.10E-05	30YrCancerDerived_InhSoilDermMMilk	1.10E-05
1255	ALL		669042.3	4344101	1.09E-05	30YrCancerDerived_InhSoilDermMMilk	1.09E-05
1727	ALL		669222.3	4344321	1.09E-05	30YrCancerDerived_InhSoilDermMMilk	1.09E-05
1503	ALL		668922.3	4344221	1.08E-05	30YrCancerDerived_InhSoilDermMMilk	1.08E-05
1025	ALL		668722.3	4343981	1.07E-05	30YrCancerDerived_InhSoilDermMMilk	1.07E-05
1722	ALL		669002.3	4344321	1.06E-05	30YrCancerDerived_InhSoilDermMMilk	1.06E-05
1211	ALL		668802.3	4344081	1.06E-05	30YrCancerDerived_InhSoilDermMMilk	1.06E-05
1507	ALL		669142.3	4344221	1.06E-05	30YrCancerDerived_InhSoilDermMMilk	1.06E-05
1677	ALL		668982.3	4344301	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05
1170	ALL		668782.3	4344061	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05
841	ALL		668582.3	4343821	1.03E-05	30YrCancerDerived_InhSoilDermMMilk	1.03E-05
821	ALL		668562.3	4343801	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05
1296	ALL		669062.3	4344121	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05
719	ALL		668682.3	4343701	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05
1633	ALL		668962.3	4344281	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05
1129	ALL		668762.3	4344041	1.01E-05	30YrCancerDerived_InhSoilDermMMilk	1.01E-05
744	ALL		668702.3	4343721	1.01E-05	30YrCancerDerived_InhSoilDermMMilk	1.01E-05
1550	ALL		669162.3	4344241	1.01E-05	30YrCancerDerived_InhSoilDermMMilk	1.01E-05
767	ALL		668722.3	4343741	9.99E-06	30YrCancerDerived_InhSoilDermMMilk	9.99E-06
1335	ALL		669082.3	4344141	9.88E-06	30YrCancerDerived_InhSoilDermMMilk	9.88E-06
860	ALL		668822.3	4343841	9.86E-06	30YrCancerDerived_InhSoilDermMMilk	9.86E-06
1091	ALL		668742.3	4344021	9.86E-06	30YrCancerDerived_InhSoilDermMMilk	9.86E-06
879	ALL		668842.3	4343861	9.80E-06	30YrCancerDerived_InhSoilDermMMilk	9.80E-06
1333	ALL		668842.3	4344141	9.78E-06	30YrCancerDerived_InhSoilDermMMilk	9.78E-06
1171	ALL		669022.3	4344061	9.74E-06	30YrCancerDerived_InhSoilDermMMilk	9.74E-06
1593	ALL		669182.3	4344261	9.64E-06	30YrCancerDerived_InhSoilDermMMilk	9.64E-06
974	ALL		668682.3	4343941	9.54E-06	30YrCancerDerived_InhSoilDermMMilk	9.54E-06
1056	ALL		668722.3	4344001	9.53E-06	30YrCancerDerived_InhSoilDermMMilk	9.53E-06
1253	ALL		668802.3	4344101	9.44E-06	30YrCancerDerived_InhSoilDermMMilk	9.44E-06
1377	ALL		669102.3	4344161	9.42E-06	30YrCancerDerived_InhSoilDermMMilk	9.42E-06
1210	ALL		668782.3	4344081	9.27E-06	30YrCancerDerived_InhSoilDermMMilk	9.27E-06
1637	ALL		669202.3	4344281	9.24E-06	30YrCancerDerived_InhSoilDermMMilk	9.24E-06
1721	ALL		668982.3	4344321	9.22E-06	30YrCancerDerived_InhSoilDermMMilk	9.22E-06
1214	ALL		669042.3	4344081	9.19E-06	30YrCancerDerived_InhSoilDermMMilk	9.19E-06
1421	ALL		669122.3	4344181	9.17E-06	30YrCancerDerived_InhSoilDermMMilk	9.17E-06
1728	ALL		669242.3	4344321	9.16E-06	30YrCancerDerived_InhSoilDermMMilk	9.16E-06
1682	ALL		669222.3	4344301	9.12E-06	30YrCancerDerived_InhSoilDermMMilk	9.12E-06
1169	ALL		668762.3	4344061	9.08E-06	30YrCancerDerived_InhSoilDermMMilk	9.08E-06
1676	ALL		668962.3	4344301	9.06E-06	30YrCancerDerived_InhSoilDermMMilk	9.06E-06
951	ALL		668662.3	4343921	9.00E-06	30YrCancerDerived_InhSoilDermMMilk	9.00E-06
1416	ALL		668862.3	4344181	8.99E-06	30YrCancerDerived_InhSoilDermMMilk	8.99E-06
441	ALL		668542.3	4343541	8.97E-06	30YrCancerDerived_InhSoilDermMMilk	8.97E-06

1464	ALL	669142.3	4344201	8.97E-06	30YrCancerDerived_InhSoilDermMMilk	8.97E-06
1632	ALL	668942.3	4344281	8.90E-06	30YrCancerDerived_InhSoilDermMMilk	8.90E-06
485	ALL	668562.3	4343561	8.88E-06	30YrCancerDerived_InhSoilDermMMilk	8.88E-06
1374	ALL	668842.3	4344161	8.82E-06	30YrCancerDerived_InhSoilDermMMilk	8.82E-06
1128	ALL	668742.3	4344041	8.82E-06	30YrCancerDerived_InhSoilDermMMilk	8.82E-06
720	ALL	668702.3	4343701	8.71E-06	30YrCancerDerived_InhSoilDermMMilk	8.71E-06
840	ALL	668562.3	4343821	8.63E-06	30YrCancerDerived_InhSoilDermMMilk	8.63E-06
1090	ALL	668722.3	4344021	8.61E-06	30YrCancerDerived_InhSoilDermMMilk	8.61E-06
1508	ALL	669162.3	4344221	8.60E-06	30YrCancerDerived_InhSoilDermMMilk	8.60E-06
745	ALL	668722.3	4343721	8.60E-06	30YrCancerDerived_InhSoilDermMMilk	8.60E-06
1256	ALL	669062.3	4344101	8.58E-06	30YrCancerDerived_InhSoilDermMMilk	8.58E-06
820	ALL	668542.3	4343801	8.58E-06	30YrCancerDerived_InhSoilDermMMilk	8.58E-06
904	ALL	668882.3	4343881	8.50E-06	30YrCancerDerived_InhSoilDermMMilk	8.50E-06
843	ALL	668822.3	4343821	8.50E-06	30YrCancerDerived_InhSoilDermMMilk	8.50E-06
926	ALL	668902.3	4343901	8.50E-06	30YrCancerDerived_InhSoilDermMMilk	8.50E-06
880	ALL	668862.3	4343861	8.46E-06	30YrCancerDerived_InhSoilDermMMilk	8.46E-06
1252	ALL	668782.3	4344101	8.37E-06	30YrCancerDerived_InhSoilDermMMilk	8.37E-06
1502	ALL	668882.3	4344221	8.35E-06	30YrCancerDerived_InhSoilDermMMilk	8.35E-06
1551	ALL	669182.3	4344241	8.32E-06	30YrCancerDerived_InhSoilDermMMilk	8.32E-06
1209	ALL	668762.3	4344081	8.23E-06	30YrCancerDerived_InhSoilDermMMilk	8.23E-06
1055	ALL	668702.3	4344001	8.23E-06	30YrCancerDerived_InhSoilDermMMilk	8.23E-06
1459	ALL	668862.3	4344201	8.16E-06	30YrCancerDerived_InhSoilDermMMilk	8.16E-06
1720	ALL	668962.3	4344321	8.15E-06	30YrCancerDerived_InhSoilDermMMilk	8.15E-06
1297	ALL	669082.3	4344121	8.14E-06	30YrCancerDerived_InhSoilDermMMilk	8.14E-06
973	ALL	668662.3	4343941	8.12E-06	30YrCancerDerived_InhSoilDermMMilk	8.12E-06
1168	ALL	668742.3	4344061	8.05E-06	30YrCancerDerived_InhSoilDermMMilk	8.05E-06
1675	ALL	668942.3	4344301	8.03E-06	30YrCancerDerived_InhSoilDermMMilk	8.03E-06
1415	ALL	668842.3	4344181	8.02E-06	30YrCancerDerived_InhSoilDermMMilk	8.02E-06
1594	ALL	669202.3	4344261	8.01E-06	30YrCancerDerived_InhSoilDermMMilk	8.01E-06
1172	ALL	669042.3	4344061	7.95E-06	30YrCancerDerived_InhSoilDermMMilk	7.95E-06
1336	ALL	669102.3	4344141	7.92E-06	30YrCancerDerived_InhSoilDermMMilk	7.92E-06
1631	ALL	668922.3	4344281	7.91E-06	30YrCancerDerived_InhSoilDermMMilk	7.91E-06
1729	ALL	669262.3	4344321	7.89E-06	30YrCancerDerived_InhSoilDermMMilk	7.89E-06
1373	ALL	668822.3	4344161	7.87E-06	30YrCancerDerived_InhSoilDermMMilk	7.87E-06
1683	ALL	669242.3	4344301	7.82E-06	30YrCancerDerived_InhSoilDermMMilk	7.82E-06
1127	ALL	668722.3	4344041	7.82E-06	30YrCancerDerived_InhSoilDermMMilk	7.82E-06
1638	ALL	669222.3	4344281	7.75E-06	30YrCancerDerived_InhSoilDermMMilk	7.75E-06
398	ALL	668542.3	4343521	7.74E-06	30YrCancerDerived_InhSoilDermMMilk	7.74E-06
1588	ALL	668902.3	4344261	7.74E-06	30YrCancerDerived_InhSoilDermMMilk	7.74E-06
442	ALL	668562.3	4343541	7.68E-06	30YrCancerDerived_InhSoilDermMMilk	7.68E-06
1378	ALL	669122.3	4344161	7.64E-06	30YrCancerDerived_InhSoilDermMMilk	7.64E-06
1089	ALL	668702.3	4344021	7.63E-06	30YrCancerDerived_InhSoilDermMMilk	7.63E-06
1293	ALL	668782.3	4344121	7.63E-06	30YrCancerDerived_InhSoilDermMMilk	7.63E-06
1545	ALL	668882.3	4344241	7.61E-06	30YrCancerDerived_InhSoilDermMMilk	7.61E-06
486	ALL	668582.3	4343561	7.61E-06	30YrCancerDerived_InhSoilDermMMilk	7.61E-06
721	ALL	668722.3	4343701	7.58E-06	30YrCancerDerived_InhSoilDermMMilk	7.58E-06
1422	ALL	669142.3	4344181	7.57E-06	30YrCancerDerived_InhSoilDermMMilk	7.57E-06
997	ALL	668662.3	4343961	7.53E-06	30YrCancerDerived_InhSoilDermMMilk	7.53E-06
1251	ALL	668762.3	4344101	7.51E-06	30YrCancerDerived_InhSoilDermMMilk	7.51E-06
905	ALL	668902.3	4343881	7.51E-06	30YrCancerDerived_InhSoilDermMMilk	7.51E-06
746	ALL	668742.3	4343721	7.51E-06	30YrCancerDerived_InhSoilDermMMilk	7.51E-06
859	ALL	668562.3	4343841	7.49E-06	30YrCancerDerived_InhSoilDermMMilk	7.49E-06
902	ALL	668602.3	4343881	7.47E-06	30YrCancerDerived_InhSoilDermMMilk	7.47E-06
1501	ALL	668862.3	4344221	7.47E-06	30YrCancerDerived_InhSoilDermMMilk	7.47E-06
927	ALL	668922.3	4343901	7.47E-06	30YrCancerDerived_InhSoilDermMMilk	7.47E-06
839	ALL	668542.3	4343821	7.47E-06	30YrCancerDerived_InhSoilDermMMilk	7.47E-06
844	ALL	668842.3	4343821	7.47E-06	30YrCancerDerived_InhSoilDermMMilk	7.47E-06
1465	ALL	669162.3	4344201	7.43E-06	30YrCancerDerived_InhSoilDermMMilk	7.43E-06
1215	ALL	669062.3	4344081	7.42E-06	30YrCancerDerived_InhSoilDermMMilk	7.42E-06
861	ALL	668862.3	4343841	7.41E-06	30YrCancerDerived_InhSoilDermMMilk	7.41E-06
1208	ALL	668742.3	4344081	7.39E-06	30YrCancerDerived_InhSoilDermMMilk	7.39E-06
1054	ALL	668682.3	4344001	7.36E-06	30YrCancerDerived_InhSoilDermMMilk	7.36E-06
1458	ALL	668842.3	4344201	7.34E-06	30YrCancerDerived_InhSoilDermMMilk	7.34E-06
1719	ALL	668942.3	4344321	7.31E-06	30YrCancerDerived_InhSoilDermMMilk	7.31E-06
976	ALL	668962.3	4343941	7.29E-06	30YrCancerDerived_InhSoilDermMMilk	7.29E-06
1414	ALL	668822.3	4344181	7.22E-06	30YrCancerDerived_InhSoilDermMMilk	7.22E-06
1167	ALL	668722.3	4344061	7.22E-06	30YrCancerDerived_InhSoilDermMMilk	7.22E-06
1509	ALL	669182.3	4344221	7.21E-06	30YrCancerDerived_InhSoilDermMMilk	7.21E-06
1674	ALL	668922.3	4344301	7.21E-06	30YrCancerDerived_InhSoilDermMMilk	7.21E-06
1630	ALL	668902.3	4344281	7.11E-06	30YrCancerDerived_InhSoilDermMMilk	7.11E-06
1372	ALL	668802.3	4344161	7.10E-06	30YrCancerDerived_InhSoilDermMMilk	7.10E-06
972	ALL	668642.3	4343941	7.10E-06	30YrCancerDerived_InhSoilDermMMilk	7.10E-06
1126	ALL	668702.3	4344041	7.04E-06	30YrCancerDerived_InhSoilDermMMilk	7.04E-06
1132	ALL	669042.3	4344041	7.02E-06	30YrCancerDerived_InhSoilDermMMilk	7.02E-06
1552	ALL	669202.3	4344241	7.00E-06	30YrCancerDerived_InhSoilDermMMilk	7.00E-06
1587	ALL	668882.3	4344261	6.99E-06	30YrCancerDerived_InhSoilDermMMilk	6.99E-06
1730	ALL	669282.3	4344321	6.95E-06	30YrCancerDerived_InhSoilDermMMilk	6.95E-06
1684	ALL	669262.3	4344301	6.91E-06	30YrCancerDerived_InhSoilDermMMilk	6.91E-06
1088	ALL	668682.3	4344021	6.90E-06	30YrCancerDerived_InhSoilDermMMilk	6.90E-06
1292	ALL	668762.3	4344121	6.88E-06	30YrCancerDerived_InhSoilDermMMilk	6.88E-06
1544	ALL	668862.3	4344241	6.88E-06	30YrCancerDerived_InhSoilDermMMilk	6.88E-06
1595	ALL	669222.3	4344261	6.86E-06	30YrCancerDerived_InhSoilDermMMilk	6.86E-06
1257	ALL	669082.3	4344101	6.85E-06	30YrCancerDerived_InhSoilDermMMilk	6.85E-06
901	ALL	668582.3	4343881	6.82E-06	30YrCancerDerived_InhSoilDermMMilk	6.82E-06
1250	ALL	668742.3	4344101	6.80E-06	30YrCancerDerived_InhSoilDermMMilk	6.80E-06
355	ALL	668542.3	4343501	6.79E-06	30YrCancerDerived_InhSoilDermMMilk	6.79E-06
687	ALL	668722.3	4343681	6.76E-06	30YrCancerDerived_InhSoilDermMMilk	6.76E-06
399	ALL	668562.3	4343521	6.76E-06	30YrCancerDerived_InhSoilDermMMilk	6.76E-06
1500	ALL	668842.3	4344221	6.76E-06	30YrCancerDerived_InhSoilDermMMilk	6.76E-06
1639	ALL	669242.3	4344281	6.76E-06	30YrCancerDerived_InhSoilDermMMilk	6.76E-06
312	ALL	668522.3	4343481	6.76E-06	30YrCancerDerived_InhSoilDermMMilk	6.76E-06
996	ALL	668642.3	4343961	6.75E-06	30YrCancerDerived_InhSoilDermMMilk	6.75E-06
878	ALL	668562.3	4343861	6.75E-06	30YrCancerDerived_InhSoilDermMMilk	6.75E-06
570	ALL	668642.3	4343601	6.74E-06	30YrCancerDerived_InhSoilDermMMilk	6.74E-06
443	ALL	668582.3	4343541	6.71E-06	30YrCancerDerived_InhSoilDermMMilk	6.71E-06
1298	ALL	669102.3	4344121	6.71E-06	30YrCancerDerived_InhSoilDermMMilk	6.71E-06
722	ALL	668742.3	4343701	6.71E-06	30YrCancerDerived_InhSoilDermMMilk	6.71E-06
1207	ALL	668722.3	4344081	6.70E-06	30YrCancerDerived_InhSoilDermMMilk	6.70E-06
925	ALL	668602.3	4343901	6.70E-06	30YrCancerDerived_InhSoilDermMMilk	6.70E-06
881	ALL	668902.3	4343861	6.69E-06	30YrCancerDerived_InhSoilDermMMilk	6.69E-06
487	ALL	668602.3	4343561	6.68E-06	30YrCancerDerived_InhSoilDermMMilk	6.68E-06
822	ALL	668842.3	4343801	6.67E-06	30YrCancerDerived_InhSoilDermMMilk	6.67E-06
747	ALL	668762.3	4343721	6.67E-06	30YrCancerDerived_InhSoilDermMMilk	6.67E-06
906	ALL	668922.3	4343881	6.66E-06	30YrCancerDerived_InhSoilDermMMilk	6.66E-06
858	ALL	668542.3	4343841	6.66E-06	30YrCancerDerived_InhSoilDermMMilk	6.66E-06
1457	ALL	668822.3	4344201	6.65E-06	30YrCancerDerived_InhSoilDermMMilk	6.65E-06
862	ALL	668882.3	4343841	6.63E-06	30YrCancerDerived_InhSoilDermMMilk	6.63E-06

1173	ALL	669062.3	4344061	6.62E-06	30YrCancerDerived_InhSoilDermMMilk	6.62E-06
928	ALL	668942.3	4343901	6.62E-06	30YrCancerDerived_InhSoilDermMMilk	6.62E-06
838	ALL	668522.3	4343821	6.61E-06	30YrCancerDerived_InhSoilDermMMilk	6.61E-06
1718	ALL	668922.3	4344321	6.61E-06	30YrCancerDerived_InhSoilDermMMilk	6.61E-06
1337	ALL	669122.3	4344141	6.55E-06	30YrCancerDerived_InhSoilDermMMilk	6.55E-06
1166	ALL	668702.3	4344061	6.55E-06	30YrCancerDerived_InhSoilDermMMilk	6.55E-06
1413	ALL	668802.3	4344181	6.55E-06	30YrCancerDerived_InhSoilDermMMilk	6.55E-06
1024	ALL	668642.3	4343981	6.54E-06	30YrCancerDerived_InhSoilDermMMilk	6.54E-06
1673	ALL	668902.3	4344301	6.53E-06	30YrCancerDerived_InhSoilDermMMilk	6.53E-06
953	ALL	668962.3	4343921	6.52E-06	30YrCancerDerived_InhSoilDermMMilk	6.52E-06
1629	ALL	668882.3	4344281	6.46E-06	30YrCancerDerived_InhSoilDermMMilk	6.46E-06
1371	ALL	668782.3	4344161	6.45E-06	30YrCancerDerived_InhSoilDermMMilk	6.45E-06
1423	ALL	669162.3	4344181	6.44E-06	30YrCancerDerived_InhSoilDermMMilk	6.44E-06
1379	ALL	669142.3	4344161	6.43E-06	30YrCancerDerived_InhSoilDermMMilk	6.43E-06
1125	ALL	668682.3	4344041	6.43E-06	30YrCancerDerived_InhSoilDermMMilk	6.43E-06
977	ALL	668982.3	4343941	6.41E-06	30YrCancerDerived_InhSoilDermMMilk	6.41E-06
1586	ALL	668862.3	4344261	6.36E-06	30YrCancerDerived_InhSoilDermMMilk	6.36E-06
1332	ALL	668762.3	4344141	6.35E-06	30YrCancerDerived_InhSoilDermMMilk	6.35E-06
1466	ALL	669182.3	4344201	6.33E-06	30YrCancerDerived_InhSoilDermMMilk	6.33E-06
1087	ALL	668662.3	4344021	6.31E-06	30YrCancerDerived_InhSoilDermMMilk	6.31E-06
924	ALL	668582.3	4343901	6.28E-06	30YrCancerDerived_InhSoilDermMMilk	6.28E-06
1291	ALL	668742.3	4344121	6.26E-06	30YrCancerDerived_InhSoilDermMMilk	6.26E-06
1543	ALL	668842.3	4344241	6.26E-06	30YrCancerDerived_InhSoilDermMMilk	6.26E-06
950	ALL	668602.3	4343921	6.25E-06	30YrCancerDerived_InhSoilDermMMilk	6.25E-06
900	ALL	668562.3	4343881	6.24E-06	30YrCancerDerived_InhSoilDermMMilk	6.24E-06
1000	ALL	669002.3	4343961	6.23E-06	30YrCancerDerived_InhSoilDermMMilk	6.23E-06
1731	ALL	669302.3	4344321	6.20E-06	30YrCancerDerived_InhSoilDermMMilk	6.20E-06
1685	ALL	669282.3	4344301	6.20E-06	30YrCancerDerived_InhSoilDermMMilk	6.20E-06
1249	ALL	668722.3	4344101	6.20E-06	30YrCancerDerived_InhSoilDermMMilk	6.20E-06
1053	ALL	668642.3	4344001	6.19E-06	30YrCancerDerived_InhSoilDermMMilk	6.19E-06
1499	ALL	668822.3	4344221	6.17E-06	30YrCancerDerived_InhSoilDermMMilk	6.17E-06
1216	ALL	669082.3	4344081	6.14E-06	30YrCancerDerived_InhSoilDermMMilk	6.14E-06
1510	ALL	669202.3	4344221	6.12E-06	30YrCancerDerived_InhSoilDermMMilk	6.12E-06
1640	ALL	669262.3	4344281	6.12E-06	30YrCancerDerived_InhSoilDermMMilk	6.12E-06
1206	ALL	668702.3	4344081	6.11E-06	30YrCancerDerived_InhSoilDermMMilk	6.11E-06
877	ALL	668542.3	4343861	6.11E-06	30YrCancerDerived_InhSoilDermMMilk	6.11E-06
1456	ALL	668802.3	4344201	6.07E-06	30YrCancerDerived_InhSoilDermMMilk	6.07E-06
1553	ALL	669222.3	4344241	6.06E-06	30YrCancerDerived_InhSoilDermMMilk	6.06E-06
571	ALL	668662.3	4343601	6.06E-06	30YrCancerDerived_InhSoilDermMMilk	6.06E-06
688	ALL	668742.3	4343681	6.06E-06	30YrCancerDerived_InhSoilDermMMilk	6.06E-06
1596	ALL	669242.3	4344261	6.05E-06	30YrCancerDerived_InhSoilDermMMilk	6.05E-06
857	ALL	668522.3	4343841	6.04E-06	30YrCancerDerived_InhSoilDermMMilk	6.04E-06
529	ALL	668642.3	4343581	6.03E-06	30YrCancerDerived_InhSoilDermMMilk	6.03E-06
1023	ALL	668622.3	4343981	6.03E-06	30YrCancerDerived_InhSoilDermMMilk	6.03E-06
1717	ALL	668902.3	4344321	6.03E-06	30YrCancerDerived_InhSoilDermMMilk	6.03E-06
356	ALL	668562.3	4343501	6.02E-06	30YrCancerDerived_InhSoilDermMMilk	6.02E-06
723	ALL	668762.3	4343701	6.02E-06	30YrCancerDerived_InhSoilDermMMilk	6.02E-06
1133	ALL	669062.3	4344041	6.01E-06	30YrCancerDerived_InhSoilDermMMilk	6.01E-06
882	ALL	668922.3	4343861	6.01E-06	30YrCancerDerived_InhSoilDermMMilk	6.01E-06
313	ALL	668542.3	4343481	6.00E-06	30YrCancerDerived_InhSoilDermMMilk	6.00E-06
1165	ALL	668682.3	4344061	6.00E-06	30YrCancerDerived_InhSoilDermMMilk	6.00E-06
1412	ALL	668782.3	4344181	5.98E-06	30YrCancerDerived_InhSoilDermMMilk	5.98E-06
1672	ALL	668882.3	4344301	5.97E-06	30YrCancerDerived_InhSoilDermMMilk	5.97E-06
845	ALL	668882.3	4343821	5.97E-06	30YrCancerDerived_InhSoilDermMMilk	5.97E-06
949	ALL	668582.3	4343921	5.91E-06	30YrCancerDerived_InhSoilDermMMilk	5.91E-06
1628	ALL	668862.3	4344281	5.91E-06	30YrCancerDerived_InhSoilDermMMilk	5.91E-06
1370	ALL	668762.3	4344161	5.90E-06	30YrCancerDerived_InhSoilDermMMilk	5.90E-06
929	ALL	668962.3	4343901	5.89E-06	30YrCancerDerived_InhSoilDermMMilk	5.89E-06
1124	ALL	668662.3	4344041	5.88E-06	30YrCancerDerived_InhSoilDermMMilk	5.88E-06
923	ALL	668562.3	4343901	5.84E-06	30YrCancerDerived_InhSoilDermMMilk	5.84E-06
1585	ALL	668842.3	4344261	5.83E-06	30YrCancerDerived_InhSoilDermMMilk	5.83E-06
1258	ALL	669102.3	4344101	5.81E-06	30YrCancerDerived_InhSoilDermMMilk	5.81E-06
1331	ALL	668742.3	4344141	5.80E-06	30YrCancerDerived_InhSoilDermMMilk	5.80E-06
954	ALL	668982.3	4343921	5.79E-06	30YrCancerDerived_InhSoilDermMMilk	5.79E-06
1086	ALL	668642.3	4344021	5.76E-06	30YrCancerDerived_InhSoilDermMMilk	5.76E-06
1542	ALL	668822.3	4344241	5.74E-06	30YrCancerDerived_InhSoilDermMMilk	5.74E-06
1290	ALL	668722.3	4344121	5.74E-06	30YrCancerDerived_InhSoilDermMMilk	5.74E-06
899	ALL	668542.3	4343881	5.73E-06	30YrCancerDerived_InhSoilDermMMilk	5.73E-06
1299	ALL	669122.3	4344121	5.70E-06	30YrCancerDerived_InhSoilDermMMilk	5.70E-06
1174	ALL	669082.3	4344061	5.69E-06	30YrCancerDerived_InhSoilDermMMilk	5.69E-06
978	ALL	669002.3	4343941	5.68E-06	30YrCancerDerived_InhSoilDermMMilk	5.68E-06
1248	ALL	668702.3	4344101	5.68E-06	30YrCancerDerived_InhSoilDermMMilk	5.68E-06
1498	ALL	668802.3	4344221	5.66E-06	30YrCancerDerived_InhSoilDermMMilk	5.66E-06
1052	ALL	668622.3	4344001	5.65E-06	30YrCancerDerived_InhSoilDermMMilk	5.65E-06
1424	ALL	669182.3	4344181	5.63E-06	30YrCancerDerived_InhSoilDermMMilk	5.63E-06
1686	ALL	669302.3	4344301	5.62E-06	30YrCancerDerived_InhSoilDermMMilk	5.62E-06
1380	ALL	669162.3	4344161	5.62E-06	30YrCancerDerived_InhSoilDermMMilk	5.62E-06
1338	ALL	669142.3	4344141	5.62E-06	30YrCancerDerived_InhSoilDermMMilk	5.62E-06
876	ALL	668522.3	4343861	5.61E-06	30YrCancerDerived_InhSoilDermMMilk	5.61E-06
1205	ALL	668682.3	4344081	5.60E-06	30YrCancerDerived_InhSoilDermMMilk	5.60E-06
1641	ALL	669282.3	4344281	5.57E-06	30YrCancerDerived_InhSoilDermMMilk	5.57E-06
1455	ALL	668782.3	4344201	5.57E-06	30YrCancerDerived_InhSoilDermMMilk	5.57E-06
1732	ALL	669322.3	4344321	5.56E-06	30YrCancerDerived_InhSoilDermMMilk	5.56E-06
1716	ALL	668882.3	4344321	5.53E-06	30YrCancerDerived_InhSoilDermMMilk	5.53E-06
1467	ALL	669202.3	4344201	5.53E-06	30YrCancerDerived_InhSoilDermMMilk	5.53E-06
948	ALL	668562.3	4343921	5.51E-06	30YrCancerDerived_InhSoilDermMMilk	5.51E-06
856	ALL	668502.3	4343841	5.50E-06	30YrCancerDerived_InhSoilDermMMilk	5.50E-06
1164	ALL	668662.3	4344061	5.50E-06	30YrCancerDerived_InhSoilDermMMilk	5.50E-06
572	ALL	668682.3	4343601	5.50E-06	30YrCancerDerived_InhSoilDermMMilk	5.50E-06
1411	ALL	668762.3	4344181	5.50E-06	30YrCancerDerived_InhSoilDermMMilk	5.50E-06
1671	ALL	668862.3	4344301	5.49E-06	30YrCancerDerived_InhSoilDermMMilk	5.49E-06
689	ALL	668762.3	4343681	5.49E-06	30YrCancerDerived_InhSoilDermMMilk	5.49E-06
1597	ALL	669262.3	4344261	5.48E-06	30YrCancerDerived_InhSoilDermMMilk	5.48E-06
530	ALL	668662.3	4343581	5.47E-06	30YrCancerDerived_InhSoilDermMMilk	5.47E-06
803	ALL	668862.3	4343781	5.47E-06	30YrCancerDerived_InhSoilDermMMilk	5.47E-06
724	ALL	668782.3	4343701	5.46E-06	30YrCancerDerived_InhSoilDermMMilk	5.46E-06
846	ALL	668902.3	4343821	5.45E-06	30YrCancerDerived_InhSoilDermMMilk	5.45E-06
488	ALL	668642.3	4343561	5.44E-06	30YrCancerDerived_InhSoilDermMMilk	5.44E-06
1627	ALL	668842.3	4344281	5.44E-06	30YrCancerDerived_InhSoilDermMMilk	5.44E-06
1369	ALL	668742.3	4344161	5.42E-06	30YrCancerDerived_InhSoilDermMMilk	5.42E-06
1554	ALL	669242.3	4344241	5.41E-06	30YrCancerDerived_InhSoilDermMMilk	5.41E-06
922	ALL	668542.3	4343901	5.40E-06	30YrCancerDerived_InhSoilDermMMilk	5.40E-06
1123	ALL	668642.3	4344041	5.38E-06	30YrCancerDerived_InhSoilDermMMilk	5.38E-06
1584	ALL	668822.3	4344261	5.35E-06	30YrCancerDerived_InhSoilDermMMilk	5.35E-06
1511	ALL	669222.3	4344221	5.35E-06	30YrCancerDerived_InhSoilDermMMilk	5.35E-06
1134	ALL	669082.3	4344041	5.35E-06	30YrCancerDerived_InhSoilDermMMilk	5.35E-06
1330	ALL	668722.3	4344141	5.34E-06	30YrCancerDerived_InhSoilDermMMilk	5.34E-06

898	ALL	668522.3	4343881	5.29E-06	30YrCancerDerived_InhSoilDermMMilk	5.29E-06
1541	ALL	668802.3	4344241	5.29E-06	30YrCancerDerived_InhSoilDermMMilk	5.29E-06
1217	ALL	669102.3	4344081	5.29E-06	30YrCancerDerived_InhSoilDermMMilk	5.29E-06
1289	ALL	668702.3	4344121	5.28E-06	30YrCancerDerived_InhSoilDermMMilk	5.28E-06
930	ALL	668982.3	4343901	5.28E-06	30YrCancerDerived_InhSoilDermMMilk	5.28E-06
1085	ALL	668622.3	4344021	5.27E-06	30YrCancerDerived_InhSoilDermMMilk	5.27E-06
1247	ALL	668682.3	4344101	5.23E-06	30YrCancerDerived_InhSoilDermMMilk	5.23E-06
1497	ALL	668782.3	4344221	5.22E-06	30YrCancerDerived_InhSoilDermMMilk	5.22E-06
955	ALL	669002.3	4343921	5.19E-06	30YrCancerDerived_InhSoilDermMMilk	5.19E-06
875	ALL	668502.3	4343861	5.18E-06	30YrCancerDerived_InhSoilDermMMilk	5.18E-06
1051	ALL	668602.3	4344001	5.17E-06	30YrCancerDerived_InhSoilDermMMilk	5.17E-06
1204	ALL	668662.3	4344081	5.16E-06	30YrCancerDerived_InhSoilDermMMilk	5.16E-06
1687	ALL	669322.3	4344301	5.14E-06	30YrCancerDerived_InhSoilDermMMilk	5.14E-06
1454	ALL	668762.3	4344201	5.13E-06	30YrCancerDerived_InhSoilDermMMilk	5.13E-06
1642	ALL	669302.3	4344281	5.12E-06	30YrCancerDerived_InhSoilDermMMilk	5.12E-06
1715	ALL	668862.3	4344321	5.12E-06	30YrCancerDerived_InhSoilDermMMilk	5.12E-06
947	ALL	668542.3	4343921	5.09E-06	30YrCancerDerived_InhSoilDermMMilk	5.09E-06
1670	ALL	668842.3	4344301	5.08E-06	30YrCancerDerived_InhSoilDermMMilk	5.08E-06
1410	ALL	668742.3	4344181	5.07E-06	30YrCancerDerived_InhSoilDermMMilk	5.07E-06
1598	ALL	669282.3	4344261	5.06E-06	30YrCancerDerived_InhSoilDermMMilk	5.06E-06
1163	ALL	668642.3	4344061	5.05E-06	30YrCancerDerived_InhSoilDermMMilk	5.05E-06
1259	ALL	669122.3	4344101	5.04E-06	30YrCancerDerived_InhSoilDermMMilk	5.04E-06
1733	ALL	669342.3	4344321	5.03E-06	30YrCancerDerived_InhSoilDermMMilk	5.03E-06
573	ALL	668702.3	4343601	5.03E-06	30YrCancerDerived_InhSoilDermMMilk	5.03E-06
1425	ALL	669202.3	4344181	5.03E-06	30YrCancerDerived_InhSoilDermMMilk	5.03E-06
1381	ALL	669182.3	4344161	5.02E-06	30YrCancerDerived_InhSoilDermMMilk	5.02E-06
531	ALL	668682.3	4343581	5.01E-06	30YrCancerDerived_InhSoilDermMMilk	5.01E-06
1626	ALL	668822.3	4344281	5.01E-06	30YrCancerDerived_InhSoilDermMMilk	5.01E-06
789	ALL	668862.3	4343761	5.01E-06	30YrCancerDerived_InhSoilDermMMilk	5.01E-06
690	ALL	668782.3	4343681	5.01E-06	30YrCancerDerived_InhSoilDermMMilk	5.01E-06
1368	ALL	668722.3	4344161	5.01E-06	30YrCancerDerived_InhSoilDermMMilk	5.01E-06
921	ALL	668522.3	4343901	5.00E-06	30YrCancerDerived_InhSoilDermMMilk	5.00E-06
725	ALL	668802.3	4343701	5.00E-06	30YrCancerDerived_InhSoilDermMMilk	5.00E-06
823	ALL	668902.3	4343801	4.99E-06	30YrCancerDerived_InhSoilDermMMilk	4.99E-06
489	ALL	668662.3	4343561	4.98E-06	30YrCancerDerived_InhSoilDermMMilk	4.98E-06
1555	ALL	669262.3	4344241	4.98E-06	30YrCancerDerived_InhSoilDermMMilk	4.98E-06
1175	ALL	669102.3	4344061	4.97E-06	30YrCancerDerived_InhSoilDermMMilk	4.97E-06
1339	ALL	669162.3	4344141	4.97E-06	30YrCancerDerived_InhSoilDermMMilk	4.97E-06
1583	ALL	668802.3	4344261	4.95E-06	30YrCancerDerived_InhSoilDermMMilk	4.95E-06
1300	ALL	669142.3	4344121	4.95E-06	30YrCancerDerived_InhSoilDermMMilk	4.95E-06
1122	ALL	668622.3	4344041	4.93E-06	30YrCancerDerived_InhSoilDermMMilk	4.93E-06
1329	ALL	668702.3	4344141	4.92E-06	30YrCancerDerived_InhSoilDermMMilk	4.92E-06
444	ALL	668642.3	4343541	4.92E-06	30YrCancerDerived_InhSoilDermMMilk	4.92E-06
897	ALL	668502.3	4343881	4.91E-06	30YrCancerDerived_InhSoilDermMMilk	4.91E-06
1540	ALL	668782.3	4344241	4.90E-06	30YrCancerDerived_InhSoilDermMMilk	4.90E-06
1468	ALL	669222.3	4344201	4.89E-06	30YrCancerDerived_InhSoilDermMMilk	4.89E-06
1288	ALL	668682.3	4344121	4.88E-06	30YrCancerDerived_InhSoilDermMMilk	4.88E-06
1512	ALL	669242.3	4344221	4.85E-06	30YrCancerDerived_InhSoilDermMMilk	4.85E-06
1084	ALL	668602.3	4344021	4.84E-06	30YrCancerDerived_InhSoilDermMMilk	4.84E-06
1246	ALL	668662.3	4344101	4.83E-06	30YrCancerDerived_InhSoilDermMMilk	4.83E-06
1496	ALL	668762.3	4344221	4.83E-06	30YrCancerDerived_InhSoilDermMMilk	4.83E-06
971	ALL	668542.3	4343941	4.82E-06	30YrCancerDerived_InhSoilDermMMilk	4.82E-06
874	ALL	668482.3	4343861	4.82E-06	30YrCancerDerived_InhSoilDermMMilk	4.82E-06
819	ALL	668442.3	4343801	4.82E-06	30YrCancerDerived_InhSoilDermMMilk	4.82E-06
1714	ALL	668842.3	4344321	4.76E-06	30YrCancerDerived_InhSoilDermMMilk	4.76E-06
1203	ALL	668642.3	4344081	4.76E-06	30YrCancerDerived_InhSoilDermMMilk	4.76E-06
1453	ALL	668742.3	4344201	4.76E-06	30YrCancerDerived_InhSoilDermMMilk	4.76E-06
1050	ALL	668582.3	4344001	4.75E-06	30YrCancerDerived_InhSoilDermMMilk	4.75E-06
1135	ALL	669102.3	4344041	4.74E-06	30YrCancerDerived_InhSoilDermMMilk	4.74E-06
1643	ALL	669322.3	4344281	4.73E-06	30YrCancerDerived_InhSoilDermMMilk	4.73E-06
946	ALL	668522.3	4343921	4.72E-06	30YrCancerDerived_InhSoilDermMMilk	4.72E-06
1669	ALL	668822.3	4344301	4.71E-06	30YrCancerDerived_InhSoilDermMMilk	4.71E-06
1409	ALL	668722.3	4344181	4.70E-06	30YrCancerDerived_InhSoilDermMMilk	4.70E-06
1599	ALL	669302.3	4344261	4.69E-06	30YrCancerDerived_InhSoilDermMMilk	4.69E-06
1688	ALL	669342.3	4344301	4.69E-06	30YrCancerDerived_InhSoilDermMMilk	4.69E-06
1218	ALL	669122.3	4344081	4.67E-06	30YrCancerDerived_InhSoilDermMMilk	4.67E-06
920	ALL	668502.3	4343901	4.66E-06	30YrCancerDerived_InhSoilDermMMilk	4.66E-06
1162	ALL	668622.3	4344061	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06
1625	ALL	668802.3	4344281	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06
1556	ALL	669282.3	4344241	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06
574	ALL	668722.3	4343601	4.63E-06	30YrCancerDerived_InhSoilDermMMilk	4.63E-06
790	ALL	668882.3	4343761	4.63E-06	30YrCancerDerived_InhSoilDermMMilk	4.63E-06
532	ALL	668702.3	4343581	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
1367	ALL	668702.3	4344161	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
824	ALL	668922.3	4343801	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06
691	ALL	668802.3	4343681	4.61E-06	30YrCancerDerived_InhSoilDermMMilk	4.61E-06
1582	ALL	668782.3	4344261	4.61E-06	30YrCancerDerived_InhSoilDermMMilk	4.61E-06
490	ALL	668682.3	4343561	4.60E-06	30YrCancerDerived_InhSoilDermMMilk	4.60E-06
896	ALL	668482.3	4343881	4.60E-06	30YrCancerDerived_InhSoilDermMMilk	4.60E-06
1734	ALL	669362.3	4344321	4.58E-06	30YrCancerDerived_InhSoilDermMMilk	4.58E-06
1382	ALL	669202.3	4344161	4.57E-06	30YrCancerDerived_InhSoilDermMMilk	4.57E-06
995	ALL	668542.3	4343961	4.56E-06	30YrCancerDerived_InhSoilDermMMilk	4.56E-06
1328	ALL	668682.3	4344141	4.56E-06	30YrCancerDerived_InhSoilDermMMilk	4.56E-06
1513	ALL	669262.3	4344221	4.56E-06	30YrCancerDerived_InhSoilDermMMilk	4.56E-06
1539	ALL	668762.3	4344241	4.56E-06	30YrCancerDerived_InhSoilDermMMilk	4.56E-06
1121	ALL	668602.3	4344041	4.55E-06	30YrCancerDerived_InhSoilDermMMilk	4.55E-06
445	ALL	668662.3	4343541	4.55E-06	30YrCancerDerived_InhSoilDermMMilk	4.55E-06
837	ALL	668442.3	4343821	4.54E-06	30YrCancerDerived_InhSoilDermMMilk	4.54E-06
1426	ALL	669222.3	4344181	4.53E-06	30YrCancerDerived_InhSoilDermMMilk	4.53E-06
1287	ALL	668662.3	4344121	4.52E-06	30YrCancerDerived_InhSoilDermMMilk	4.52E-06
400	ALL	668642.3	4343521	4.51E-06	30YrCancerDerived_InhSoilDermMMilk	4.51E-06
1495	ALL	668742.3	4344221	4.49E-06	30YrCancerDerived_InhSoilDermMMilk	4.49E-06
1245	ALL	668642.3	4344101	4.48E-06	30YrCancerDerived_InhSoilDermMMilk	4.48E-06
1469	ALL	669242.3	4344201	4.47E-06	30YrCancerDerived_InhSoilDermMMilk	4.47E-06
970	ALL	668522.3	4343941	4.46E-06	30YrCancerDerived_InhSoilDermMMilk	4.46E-06
1340	ALL	669182.3	4344141	4.46E-06	30YrCancerDerived_InhSoilDermMMilk	4.46E-06
1001	ALL	669062.3	4343961	4.46E-06	30YrCancerDerived_InhSoilDermMMilk	4.46E-06
873	ALL	668462.3	4343861	4.46E-06	30YrCancerDerived_InhSoilDermMMilk	4.46E-06
1083	ALL	668582.3	4344021	4.46E-06	30YrCancerDerived_InhSoilDermMMilk	4.46E-06
1713	ALL	668822.3	4344321	4.44E-06	30YrCancerDerived_InhSoilDermMMilk	4.44E-06
1260	ALL	669142.3	4344101	4.44E-06	30YrCancerDerived_InhSoilDermMMilk	4.44E-06
1176	ALL	669122.3	4344061	4.43E-06	30YrCancerDerived_InhSoilDermMMilk	4.43E-06
1301	ALL	669162.3	4344121	4.43E-06	30YrCancerDerived_InhSoilDermMMilk	4.43E-06
1452	ALL	668722.3	4344201	4.43E-06	30YrCancerDerived_InhSoilDermMMilk	4.43E-06
945	ALL	668502.3	4343921	4.42E-06	30YrCancerDerived_InhSoilDermMMilk	4.42E-06
1202	ALL	668622.3	4344081	4.40E-06	30YrCancerDerived_InhSoilDermMMilk	4.40E-06
1668	ALL	668802.3	4344301	4.39E-06	30YrCancerDerived_InhSoilDermMMilk	4.39E-06

1644	ALL	669342.3	4344281	4.38E-06	30YrCancerDerived_InhSoilDermMMilk	4.38E-06
919	ALL	668482.3	4343901	4.38E-06	30YrCancerDerived_InhSoilDermMMilk	4.38E-06
1049	ALL	668562.3	4344001	4.38E-06	30YrCancerDerived_InhSoilDermMMilk	4.38E-06
1408	ALL	668702.3	4344181	4.37E-06	30YrCancerDerived_InhSoilDermMMilk	4.37E-06
1600	ALL	669322.3	4344261	4.36E-06	30YrCancerDerived_InhSoilDermMMilk	4.36E-06
1624	ALL	668782.3	4344281	4.34E-06	30YrCancerDerived_InhSoilDermMMilk	4.34E-06
1557	ALL	669302.3	4344241	4.34E-06	30YrCancerDerived_InhSoilDermMMilk	4.34E-06
855	ALL	668442.3	4343841	4.31E-06	30YrCancerDerived_InhSoilDermMMilk	4.31E-06
1022	ALL	668542.3	4343981	4.31E-06	30YrCancerDerived_InhSoilDermMMilk	4.31E-06
1514	ALL	669282.3	4344221	4.30E-06	30YrCancerDerived_InhSoilDermMMilk	4.30E-06
1581	ALL	668762.3	4344261	4.30E-06	30YrCancerDerived_InhSoilDermMMilk	4.30E-06
1161	ALL	668602.3	4344061	4.30E-06	30YrCancerDerived_InhSoilDermMMilk	4.30E-06
768	ALL	668882.3	4343741	4.29E-06	30YrCancerDerived_InhSoilDermMMilk	4.29E-06
1689	ALL	669362.3	4344301	4.29E-06	30YrCancerDerived_InhSoilDermMMilk	4.29E-06
692	ALL	668822.3	4343681	4.29E-06	30YrCancerDerived_InhSoilDermMMilk	4.29E-06
1366	ALL	668682.3	4344161	4.29E-06	30YrCancerDerived_InhSoilDermMMilk	4.29E-06
895	ALL	668462.3	4343881	4.28E-06	30YrCancerDerived_InhSoilDermMMilk	4.28E-06
575	ALL	668742.3	4343601	4.28E-06	30YrCancerDerived_InhSoilDermMMilk	4.28E-06
533	ALL	668722.3	4343581	4.28E-06	30YrCancerDerived_InhSoilDermMMilk	4.28E-06
491	ALL	668702.3	4343561	4.27E-06	30YrCancerDerived_InhSoilDermMMilk	4.27E-06
1136	ALL	669122.3	4344041	4.27E-06	30YrCancerDerived_InhSoilDermMMilk	4.27E-06
1538	ALL	668742.3	4344241	4.25E-06	30YrCancerDerived_InhSoilDermMMilk	4.25E-06
1327	ALL	668662.3	4344141	4.24E-06	30YrCancerDerived_InhSoilDermMMilk	4.24E-06
994	ALL	668522.3	4343961	4.23E-06	30YrCancerDerived_InhSoilDermMMilk	4.23E-06
446	ALL	668682.3	4343541	4.23E-06	30YrCancerDerived_InhSoilDermMMilk	4.23E-06
55	ALL	668482.3	4343361	4.22E-06	30YrCancerDerived_InhSoilDermMMilk	4.22E-06
1470	ALL	669262.3	4344201	4.21E-06	30YrCancerDerived_InhSoilDermMMilk	4.21E-06
1286	ALL	668642.3	4344121	4.21E-06	30YrCancerDerived_InhSoilDermMMilk	4.21E-06
1494	ALL	668722.3	4344221	4.20E-06	30YrCancerDerived_InhSoilDermMMilk	4.20E-06
1120	ALL	668582.3	4344041	4.20E-06	30YrCancerDerived_InhSoilDermMMilk	4.20E-06
1219	ALL	669142.3	4344081	4.20E-06	30YrCancerDerived_InhSoilDermMMilk	4.20E-06
1735	ALL	669382.3	4344321	4.19E-06	30YrCancerDerived_InhSoilDermMMilk	4.19E-06
1383	ALL	669222.3	4344161	4.19E-06	30YrCancerDerived_InhSoilDermMMilk	4.19E-06
401	ALL	668662.3	4343521	4.19E-06	30YrCancerDerived_InhSoilDermMMilk	4.19E-06
969	ALL	668502.3	4343941	4.18E-06	30YrCancerDerived_InhSoilDermMMilk	4.18E-06
1427	ALL	669242.3	4344181	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-06
944	ALL	668482.3	4343921	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-06
357	ALL	668642.3	4343501	4.16E-06	30YrCancerDerived_InhSoilDermMMilk	4.16E-06
1244	ALL	668622.3	4344101	4.16E-06	30YrCancerDerived_InhSoilDermMMilk	4.16E-06
1712	ALL	668802.3	4344321	4.15E-06	30YrCancerDerived_InhSoilDermMMilk	4.15E-06
872	ALL	668442.3	4343861	4.15E-06	30YrCancerDerived_InhSoilDermMMilk	4.15E-06
1096	ALL	669122.3	4344021	4.14E-06	30YrCancerDerived_InhSoilDermMMilk	4.14E-06
1451	ALL	668702.3	4344201	4.14E-06	30YrCancerDerived_InhSoilDermMMilk	4.14E-06
1002	ALL	669082.3	4343961	4.14E-06	30YrCancerDerived_InhSoilDermMMilk	4.14E-06
1082	ALL	668562.3	4344021	4.13E-06	30YrCancerDerived_InhSoilDermMMilk	4.13E-06
918	ALL	668462.3	4343901	4.11E-06	30YrCancerDerived_InhSoilDermMMilk	4.11E-06
1667	ALL	668782.3	4344301	4.11E-06	30YrCancerDerived_InhSoilDermMMilk	4.11E-06
1601	ALL	669342.3	4344261	4.08E-06	30YrCancerDerived_InhSoilDermMMilk	4.08E-06
1407	ALL	668682.3	4344181	4.07E-06	30YrCancerDerived_InhSoilDermMMilk	4.07E-06
1048	ALL	668542.3	4344001	4.07E-06	30YrCancerDerived_InhSoilDermMMilk	4.07E-06
1201	ALL	668602.3	4344081	4.07E-06	30YrCancerDerived_InhSoilDermMMilk	4.07E-06
1623	ALL	668762.3	4344281	4.07E-06	30YrCancerDerived_InhSoilDermMMilk	4.07E-06
1558	ALL	669322.3	4344241	4.05E-06	30YrCancerDerived_InhSoilDermMMilk	4.05E-06
1341	ALL	669202.3	4344141	4.05E-06	30YrCancerDerived_InhSoilDermMMilk	4.05E-06
1515	ALL	669302.3	4344221	4.05E-06	30YrCancerDerived_InhSoilDermMMilk	4.05E-06
1645	ALL	669362.3	4344281	4.04E-06	30YrCancerDerived_InhSoilDermMMilk	4.04E-06
1177	ALL	669142.3	4344061	4.03E-06	30YrCancerDerived_InhSoilDermMMilk	4.03E-06
1580	ALL	668742.3	4344261	4.03E-06	30YrCancerDerived_InhSoilDermMMilk	4.03E-06
693	ALL	668842.3	4343681	4.02E-06	30YrCancerDerived_InhSoilDermMMilk	4.02E-06
1471	ALL	669282.3	4344201	4.02E-06	30YrCancerDerived_InhSoilDermMMilk	4.02E-06
665	ALL	668822.3	4343661	4.01E-06	30YrCancerDerived_InhSoilDermMMilk	4.01E-06
1021	ALL	668522.3	4343981	4.01E-06	30YrCancerDerived_InhSoilDermMMilk	4.01E-06
1261	ALL	669162.3	4344101	4.00E-06	30YrCancerDerived_InhSoilDermMMilk	4.00E-06
1302	ALL	669182.3	4344121	4.00E-06	30YrCancerDerived_InhSoilDermMMilk	4.00E-06
894	ALL	668442.3	4343881	4.00E-06	30YrCancerDerived_InhSoilDermMMilk	4.00E-06
1365	ALL	668662.3	4344161	4.00E-06	30YrCancerDerived_InhSoilDermMMilk	4.00E-06
576	ALL	668762.3	4343601	3.99E-06	30YrCancerDerived_InhSoilDermMMilk	3.99E-06
1537	ALL	668722.3	4344241	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06
534	ALL	668742.3	4343581	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06
1160	ALL	668582.3	4344061	3.97E-06	30YrCancerDerived_InhSoilDermMMilk	3.97E-06
492	ALL	668722.3	4343561	3.97E-06	30YrCancerDerived_InhSoilDermMMilk	3.97E-06
993	ALL	668502.3	4343961	3.97E-06	30YrCancerDerived_InhSoilDermMMilk	3.97E-06
968	ALL	668482.3	4343941	3.96E-06	30YrCancerDerived_InhSoilDermMMilk	3.96E-06
1326	ALL	668642.3	4344141	3.95E-06	30YrCancerDerived_InhSoilDermMMilk	3.95E-06
104	ALL	668522.3	4343381	3.95E-06	30YrCancerDerived_InhSoilDermMMilk	3.95E-06
1690	ALL	669382.3	4344301	3.95E-06	30YrCancerDerived_InhSoilDermMMilk	3.95E-06
447	ALL	668702.3	4343541	3.95E-06	30YrCancerDerived_InhSoilDermMMilk	3.95E-06
943	ALL	668462.3	4343921	3.94E-06	30YrCancerDerived_InhSoilDermMMilk	3.94E-06
1493	ALL	668702.3	4344221	3.93E-06	30YrCancerDerived_InhSoilDermMMilk	3.93E-06
1428	ALL	669262.3	4344181	3.92E-06	30YrCancerDerived_InhSoilDermMMilk	3.92E-06
1119	ALL	668562.3	4344041	3.91E-06	30YrCancerDerived_InhSoilDermMMilk	3.91E-06
1285	ALL	668622.3	4344121	3.91E-06	30YrCancerDerived_InhSoilDermMMilk	3.91E-06
402	ALL	668682.3	4343521	3.91E-06	30YrCancerDerived_InhSoilDermMMilk	3.91E-06
1137	ALL	669142.3	4344041	3.91E-06	30YrCancerDerived_InhSoilDermMMilk	3.91E-06
1711	ALL	668782.3	4344321	3.90E-06	30YrCancerDerived_InhSoilDermMMilk	3.90E-06
1384	ALL	669242.3	4344161	3.89E-06	30YrCancerDerived_InhSoilDermMMilk	3.89E-06
56	ALL	668502.3	4343361	3.88E-06	30YrCancerDerived_InhSoilDermMMilk	3.88E-06
358	ALL	668662.3	4343501	3.88E-06	30YrCancerDerived_InhSoilDermMMilk	3.88E-06
1450	ALL	668682.3	4344201	3.88E-06	30YrCancerDerived_InhSoilDermMMilk	3.88E-06
1081	ALL	668542.3	4344021	3.87E-06	30YrCancerDerived_InhSoilDermMMilk	3.87E-06
1243	ALL	668602.3	4344101	3.86E-06	30YrCancerDerived_InhSoilDermMMilk	3.86E-06
314	ALL	668642.3	4343481	3.86E-06	30YrCancerDerived_InhSoilDermMMilk	3.86E-06
917	ALL	668442.3	4343901	3.86E-06	30YrCancerDerived_InhSoilDermMMilk	3.86E-06
1666	ALL	668762.3	4344301	3.86E-06	30YrCancerDerived_InhSoilDermMMilk	3.86E-06
1736	ALL	669402.3	4344321	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06
1097	ALL	669142.3	4344021	3.84E-06	30YrCancerDerived_InhSoilDermMMilk	3.84E-06
1622	ALL	668742.3	4344281	3.82E-06	30YrCancerDerived_InhSoilDermMMilk	3.82E-06
1220	ALL	669162.3	4344081	3.82E-06	30YrCancerDerived_InhSoilDermMMilk	3.82E-06
1559	ALL	669342.3	4344241	3.82E-06	30YrCancerDerived_InhSoilDermMMilk	3.82E-06
1047	ALL	668522.3	4344001	3.82E-06	30YrCancerDerived_InhSoilDermMMilk	3.82E-06
1602	ALL	669362.3	4344261	3.81E-06	30YrCancerDerived_InhSoilDermMMilk	3.81E-06
1406	ALL	668662.3	4344181	3.81E-06	30YrCancerDerived_InhSoilDermMMilk	3.81E-06
1472	ALL	669302.3	4344201	3.80E-06	30YrCancerDerived_InhSoilDermMMilk	3.80E-06
1516	ALL	669322.3	4344221	3.79E-06	30YrCancerDerived_InhSoilDermMMilk	3.79E-06
1579	ALL	668722.3	4344261	3.78E-06	30YrCancerDerived_InhSoilDermMMilk	3.78E-06
1200	ALL	668582.3	4344081	3.77E-06	30YrCancerDerived_InhSoilDermMMilk	3.77E-06
1020	ALL	668502.3	4343981	3.77E-06	30YrCancerDerived_InhSoilDermMMilk	3.77E-06

666	ALL	668842.3	4343661	3.77E-06	30YrCancerDerived_InhSoilDermMMilk	3.77E-06
992	ALL	668482.3	4343961	3.76E-06	30YrCancerDerived_InhSoilDermMMilk	3.76E-06
643	ALL	668822.3	4343641	3.76E-06	30YrCancerDerived_InhSoilDermMMilk	3.76E-06
694	ALL	668862.3	4343681	3.76E-06	30YrCancerDerived_InhSoilDermMMilk	3.76E-06
967	ALL	668462.3	4343941	3.75E-06	30YrCancerDerived_InhSoilDermMMilk	3.75E-06
1429	ALL	669282.3	4344181	3.75E-06	30YrCancerDerived_InhSoilDermMMilk	3.75E-06
1342	ALL	669222.3	4344141	3.74E-06	30YrCancerDerived_InhSoilDermMMilk	3.74E-06
577	ALL	668782.3	4343601	3.74E-06	30YrCancerDerived_InhSoilDermMMilk	3.74E-06
1536	ALL	668702.3	4344241	3.73E-06	30YrCancerDerived_InhSoilDermMMilk	3.73E-06
1646	ALL	669382.3	4344281	3.73E-06	30YrCancerDerived_InhSoilDermMMilk	3.73E-06
535	ALL	668762.3	4343581	3.72E-06	30YrCancerDerived_InhSoilDermMMilk	3.72E-06
1364	ALL	668642.3	4344161	3.72E-06	30YrCancerDerived_InhSoilDermMMilk	3.72E-06
1159	ALL	668562.3	4344061	3.72E-06	30YrCancerDerived_InhSoilDermMMilk	3.72E-06
942	ALL	668442.3	4343921	3.71E-06	30YrCancerDerived_InhSoilDermMMilk	3.71E-06
493	ALL	668742.3	4343561	3.71E-06	30YrCancerDerived_InhSoilDermMMilk	3.71E-06
448	ALL	668722.3	4343541	3.70E-06	30YrCancerDerived_InhSoilDermMMilk	3.70E-06
791	ALL	668942.3	4343761	3.70E-06	30YrCancerDerived_InhSoilDermMMilk	3.70E-06
1492	ALL	668682.3	4344221	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06
1178	ALL	669162.3	4344061	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06
1325	ALL	668622.3	4344141	3.68E-06	30YrCancerDerived_InhSoilDermMMilk	3.68E-06
1118	ALL	668542.3	4344041	3.68E-06	30YrCancerDerived_InhSoilDermMMilk	3.68E-06
1385	ALL	669262.3	4344161	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06
403	ALL	668702.3	4343521	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06
1710	ALL	668762.3	4344321	3.66E-06	30YrCancerDerived_InhSoilDermMMilk	3.66E-06
105	ALL	668542.3	4343381	3.66E-06	30YrCancerDerived_InhSoilDermMMilk	3.66E-06
931	ALL	669062.3	4343901	3.65E-06	30YrCancerDerived_InhSoilDermMMilk	3.65E-06
1080	ALL	668522.3	4344021	3.65E-06	30YrCancerDerived_InhSoilDermMMilk	3.65E-06
1691	ALL	669402.3	4344301	3.65E-06	30YrCancerDerived_InhSoilDermMMilk	3.65E-06
1284	ALL	668602.3	4344121	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06
1262	ALL	669182.3	4344101	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06
1303	ALL	669202.3	4344121	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06
1449	ALL	668662.3	4344201	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
359	ALL	668682.3	4343501	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
1665	ALL	668742.3	4344301	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06
315	ALL	668662.3	4343481	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06
1046	ALL	668502.3	4344001	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06
1560	ALL	669362.3	4344241	3.60E-06	30YrCancerDerived_InhSoilDermMMilk	3.60E-06
57	ALL	668522.3	4343361	3.60E-06	30YrCancerDerived_InhSoilDermMMilk	3.60E-06
1621	ALL	668722.3	4344281	3.59E-06	30YrCancerDerived_InhSoilDermMMilk	3.59E-06
1138	ALL	669162.3	4344041	3.59E-06	30YrCancerDerived_InhSoilDermMMilk	3.59E-06
1019	ALL	668482.3	4343981	3.59E-06	30YrCancerDerived_InhSoilDermMMilk	3.59E-06
1242	ALL	668582.3	4344101	3.59E-06	30YrCancerDerived_InhSoilDermMMilk	3.59E-06
1517	ALL	669342.3	4344221	3.59E-06	30YrCancerDerived_InhSoilDermMMilk	3.59E-06
271	ALL	668642.3	4343461	3.58E-06	30YrCancerDerived_InhSoilDermMMilk	3.58E-06
991	ALL	668462.3	4343961	3.58E-06	30YrCancerDerived_InhSoilDermMMilk	3.58E-06
1473	ALL	669322.3	4344201	3.58E-06	30YrCancerDerived_InhSoilDermMMilk	3.58E-06
1430	ALL	669302.3	4344181	3.56E-06	30YrCancerDerived_InhSoilDermMMilk	3.56E-06
1578	ALL	668702.3	4344261	3.55E-06	30YrCancerDerived_InhSoilDermMMilk	3.55E-06
1098	ALL	669162.3	4344021	3.55E-06	30YrCancerDerived_InhSoilDermMMilk	3.55E-06
966	ALL	668442.3	4343941	3.55E-06	30YrCancerDerived_InhSoilDermMMilk	3.55E-06
1737	ALL	669422.3	4344321	3.55E-06	30YrCancerDerived_InhSoilDermMMilk	3.55E-06
1405	ALL	668642.3	4344181	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
644	ALL	668842.3	4343641	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
1343	ALL	669242.3	4344141	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
667	ALL	668862.3	4343661	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
611	ALL	668822.3	4343621	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
1199	ALL	668562.3	4344081	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-06
1603	ALL	669382.3	4344261	3.53E-06	30YrCancerDerived_InhSoilDermMMilk	3.53E-06
578	ALL	668802.3	4343601	3.53E-06	30YrCancerDerived_InhSoilDermMMilk	3.53E-06
695	ALL	668882.3	4343681	3.53E-06	30YrCancerDerived_InhSoilDermMMilk	3.53E-06
1535	ALL	668682.3	4344241	3.51E-06	30YrCancerDerived_InhSoilDermMMilk	3.51E-06
536	ALL	668782.3	4343581	3.51E-06	30YrCancerDerived_InhSoilDermMMilk	3.51E-06
1158	ALL	668542.3	4344061	3.51E-06	30YrCancerDerived_InhSoilDermMMilk	3.51E-06
1386	ALL	669282.3	4344161	3.50E-06	30YrCancerDerived_InhSoilDermMMilk	3.50E-06
494	ALL	668762.3	4343561	3.48E-06	30YrCancerDerived_InhSoilDermMMilk	3.48E-06
1117	ALL	668522.3	4344041	3.48E-06	30YrCancerDerived_InhSoilDermMMilk	3.48E-06
1363	ALL	668622.3	4344161	3.48E-06	30YrCancerDerived_InhSoilDermMMilk	3.48E-06
1221	ALL	669182.3	4344081	3.47E-06	30YrCancerDerived_InhSoilDermMMilk	3.47E-06
1491	ALL	668662.3	4344221	3.47E-06	30YrCancerDerived_InhSoilDermMMilk	3.47E-06
449	ALL	668742.3	4343541	3.47E-06	30YrCancerDerived_InhSoilDermMMilk	3.47E-06
1647	ALL	669402.3	4344281	3.46E-06	30YrCancerDerived_InhSoilDermMMilk	3.46E-06
1079	ALL	668502.3	4344021	3.46E-06	30YrCancerDerived_InhSoilDermMMilk	3.46E-06
1709	ALL	668742.3	4344321	3.46E-06	30YrCancerDerived_InhSoilDermMMilk	3.46E-06
404	ALL	668722.3	4343521	3.45E-06	30YrCancerDerived_InhSoilDermMMilk	3.45E-06
1324	ALL	668602.3	4344141	3.44E-06	30YrCancerDerived_InhSoilDermMMilk	3.44E-06
1045	ALL	668482.3	4344001	3.44E-06	30YrCancerDerived_InhSoilDermMMilk	3.44E-06
1344	ALL	669262.3	4344141	3.43E-06	30YrCancerDerived_InhSoilDermMMilk	3.43E-06
932	ALL	669082.3	4343901	3.43E-06	30YrCancerDerived_InhSoilDermMMilk	3.43E-06
1061	ALL	669162.3	4344001	3.43E-06	30YrCancerDerived_InhSoilDermMMilk	3.43E-06
1664	ALL	668722.3	4344301	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
825	ALL	668982.3	4343801	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
360	ALL	668702.3	4343501	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
1018	ALL	668462.3	4343981	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-06
1283	ALL	668582.3	4344121	3.41E-06	30YrCancerDerived_InhSoilDermMMilk	3.41E-06
316	ALL	668682.3	4343481	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
1448	ALL	668642.3	4344201	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06
990	ALL	668442.3	4343961	3.39E-06	30YrCancerDerived_InhSoilDermMMilk	3.39E-06
1518	ALL	669362.3	4344221	3.39E-06	30YrCancerDerived_InhSoilDermMMilk	3.39E-06
1304	ALL	669222.3	4344121	3.39E-06	30YrCancerDerived_InhSoilDermMMilk	3.39E-06
1620	ALL	668702.3	4344281	3.38E-06	30YrCancerDerived_InhSoilDermMMilk	3.38E-06
1474	ALL	669342.3	4344201	3.38E-06	30YrCancerDerived_InhSoilDermMMilk	3.38E-06
1241	ALL	668562.3	4344101	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
1692	ALL	669422.3	4344301	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
1179	ALL	669182.3	4344061	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
272	ALL	668662.3	4343461	3.37E-06	30YrCancerDerived_InhSoilDermMMilk	3.37E-06
1431	ALL	669322.3	4344181	3.36E-06	30YrCancerDerived_InhSoilDermMMilk	3.36E-06
1561	ALL	669382.3	4344241	3.36E-06	30YrCancerDerived_InhSoilDermMMilk	3.36E-06
58	ALL	668542.3	4343361	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
1577	ALL	668682.3	4344261	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
1198	ALL	668542.3	4344081	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-06
612	ALL	668842.3	4343621	3.34E-06	30YrCancerDerived_InhSoilDermMMilk	3.34E-06
804	ALL	668982.3	4343781	3.34E-06	30YrCancerDerived_InhSoilDermMMilk	3.34E-06
579	ALL	668822.3	4343601	3.34E-06	30YrCancerDerived_InhSoilDermMMilk	3.34E-06
645	ALL	668862.3	4343641	3.34E-06	30YrCancerDerived_InhSoilDermMMilk	3.34E-06
230	ALL	668642.3	4343441	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
1387	ALL	669302.3	4344161	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
537	ALL	668802.3	4343581	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06

1263	ALL	669202.3	4344101	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-06
668	ALL	668882.3	4343661	3.32E-06	30YrCancerDerived_InhSoilDermMMilk	3.32E-06
1157	ALL	668522.3	4344061	3.32E-06	30YrCancerDerived_InhSoilDermMMilk	3.32E-06
1404	ALL	668622.3	4344181	3.32E-06	30YrCancerDerived_InhSoilDermMMilk	3.32E-06
1534	ALL	668662.3	4344241	3.31E-06	30YrCancerDerived_InhSoilDermMMilk	3.31E-06
1116	ALL	668502.3	4344041	3.30E-06	30YrCancerDerived_InhSoilDermMMilk	3.30E-06
495	ALL	668782.3	4343561	3.30E-06	30YrCancerDerived_InhSoilDermMMilk	3.30E-06
1078	ALL	668482.3	4344021	3.30E-06	30YrCancerDerived_InhSoilDermMMilk	3.30E-06
1139	ALL	669182.3	4344041	3.30E-06	30YrCancerDerived_InhSoilDermMMilk	3.30E-06
1362	ALL	668602.3	4344161	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
1604	ALL	669402.3	4344261	3.29E-06	30YrCancerDerived_InhSoilDermMMilk	3.29E-06
1738	ALL	669442.3	4344321	3.28E-06	30YrCancerDerived_InhSoilDermMMilk	3.28E-06
1044	ALL	668462.3	4344001	3.27E-06	30YrCancerDerived_InhSoilDermMMilk	3.27E-06
450	ALL	668762.3	4343541	3.27E-06	30YrCancerDerived_InhSoilDermMMilk	3.27E-06
1099	ALL	669182.3	4344021	3.27E-06	30YrCancerDerived_InhSoilDermMMilk	3.27E-06
1345	ALL	669282.3	4344141	3.27E-06	30YrCancerDerived_InhSoilDermMMilk	3.27E-06
1708	ALL	668722.3	4344321	3.27E-06	30YrCancerDerived_InhSoilDermMMilk	3.27E-06
1490	ALL	668642.3	4344221	3.26E-06	30YrCancerDerived_InhSoilDermMMilk	3.26E-06
1323	ALL	668582.3	4344141	3.26E-06	30YrCancerDerived_InhSoilDermMMilk	3.26E-06
405	ALL	668742.3	4343521	3.25E-06	30YrCancerDerived_InhSoilDermMMilk	3.25E-06
1017	ALL	668442.3	4343981	3.24E-06	30YrCancerDerived_InhSoilDermMMilk	3.24E-06
1663	ALL	668702.3	4344301	3.23E-06	30YrCancerDerived_InhSoilDermMMilk	3.23E-06
361	ALL	668722.3	4343501	3.23E-06	30YrCancerDerived_InhSoilDermMMilk	3.23E-06
1305	ALL	669242.3	4344121	3.23E-06	30YrCancerDerived_InhSoilDermMMilk	3.23E-06
1282	ALL	668562.3	4344121	3.23E-06	30YrCancerDerived_InhSoilDermMMilk	3.23E-06
317	ALL	668702.3	4343481	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-06
1648	ALL	669422.3	4344281	3.21E-06	30YrCancerDerived_InhSoilDermMMilk	3.21E-06
1519	ALL	669382.3	4344221	3.20E-06	30YrCancerDerived_InhSoilDermMMilk	3.20E-06
1240	ALL	668542.3	4344101	3.20E-06	30YrCancerDerived_InhSoilDermMMilk	3.20E-06
1475	ALL	669362.3	4344201	3.20E-06	30YrCancerDerived_InhSoilDermMMilk	3.20E-06
1619	ALL	668682.3	4344281	3.20E-06	30YrCancerDerived_InhSoilDermMMilk	3.20E-06
273	ALL	668682.3	4343461	3.19E-06	30YrCancerDerived_InhSoilDermMMilk	3.19E-06
1447	ALL	668622.3	4344201	3.19E-06	30YrCancerDerived_InhSoilDermMMilk	3.19E-06
1432	ALL	669342.3	4344181	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
1197	ALL	668522.3	4344081	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-06
1062	ALL	669182.3	4344001	3.17E-06	30YrCancerDerived_InhSoilDermMMilk	3.17E-06
1576	ALL	668662.3	4344261	3.16E-06	30YrCancerDerived_InhSoilDermMMilk	3.16E-06
1156	ALL	668502.3	4344061	3.16E-06	30YrCancerDerived_InhSoilDermMMilk	3.16E-06
580	ALL	668842.3	4343601	3.16E-06	30YrCancerDerived_InhSoilDermMMilk	3.16E-06
1306	ALL	669262.3	4344121	3.16E-06	30YrCancerDerived_InhSoilDermMMilk	3.16E-06
538	ALL	668822.3	4343581	3.15E-06	30YrCancerDerived_InhSoilDermMMilk	3.15E-06
613	ALL	668862.3	4343621	3.15E-06	30YrCancerDerived_InhSoilDermMMilk	3.15E-06
1115	ALL	668482.3	4344041	3.15E-06	30YrCancerDerived_InhSoilDermMMilk	3.15E-06
1403	ALL	668602.3	4344181	3.15E-06	30YrCancerDerived_InhSoilDermMMilk	3.15E-06
1222	ALL	669202.3	4344081	3.15E-06	30YrCancerDerived_InhSoilDermMMilk	3.15E-06
231	ALL	668662.3	4343441	3.14E-06	30YrCancerDerived_InhSoilDermMMilk	3.14E-06
1388	ALL	669322.3	4344161	3.14E-06	30YrCancerDerived_InhSoilDermMMilk	3.14E-06
496	ALL	668802.3	4343561	3.14E-06	30YrCancerDerived_InhSoilDermMMilk	3.14E-06
59	ALL	668562.3	4343361	3.14E-06	30YrCancerDerived_InhSoilDermMMilk	3.14E-06
646	ALL	668882.3	4343641	3.14E-06	30YrCancerDerived_InhSoilDermMMilk	3.14E-06
1562	ALL	669402.3	4344241	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
1077	ALL	668462.3	4344021	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
669	ALL	668902.3	4343661	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
1693	ALL	669442.3	4344301	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06
1533	ALL	668642.3	4344241	3.12E-06	30YrCancerDerived_InhSoilDermMMilk	3.12E-06
1361	ALL	668582.3	4344161	3.12E-06	30YrCancerDerived_InhSoilDermMMilk	3.12E-06
1043	ALL	668442.3	4344001	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-06
189	ALL	668642.3	4343421	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-06
1264	ALL	669222.3	4344101	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
451	ALL	668782.3	4343541	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-06
1346	ALL	669302.3	4344141	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
1707	ALL	668702.3	4344321	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
1322	ALL	668562.3	4344141	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
805	ALL	669002.3	4343781	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-06
406	ALL	668762.3	4343521	3.08E-06	30YrCancerDerived_InhSoilDermMMilk	3.08E-06
1489	ALL	668622.3	4344221	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
1605	ALL	669422.3	4344261	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-06
1281	ALL	668542.3	4344121	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-06
362	ALL	668742.3	4343501	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-06
1662	ALL	668682.3	4344301	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-06
1180	ALL	669202.3	4344061	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-06
1029	ALL	669182.3	4343981	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
769	ALL	668982.3	4343741	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
318	ALL	668722.3	4343481	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-06
1239	ALL	668522.3	4344101	3.04E-06	30YrCancerDerived_InhSoilDermMMilk	3.04E-06
274	ALL	668702.3	4343461	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
1618	ALL	668662.3	4344281	3.03E-06	30YrCancerDerived_InhSoilDermMMilk	3.03E-06
1196	ALL	668502.3	4344081	3.02E-06	30YrCancerDerived_InhSoilDermMMilk	3.02E-06
1476	ALL	669382.3	4344201	3.02E-06	30YrCancerDerived_InhSoilDermMMilk	3.02E-06
1433	ALL	669362.3	4344181	3.02E-06	30YrCancerDerived_InhSoilDermMMilk	3.02E-06
1307	ALL	669282.3	4344121	3.01E-06	30YrCancerDerived_InhSoilDermMMilk	3.01E-06
1446	ALL	668602.3	4344201	3.01E-06	30YrCancerDerived_InhSoilDermMMilk	3.01E-06
1155	ALL	668482.3	4344061	3.01E-06	30YrCancerDerived_InhSoilDermMMilk	3.01E-06
1140	ALL	669202.3	4344041	3.01E-06	30YrCancerDerived_InhSoilDermMMilk	3.01E-06
1649	ALL	669442.3	4344281	3.00E-06	30YrCancerDerived_InhSoilDermMMilk	3.00E-06
1114	ALL	668462.3	4344041	3.00E-06	30YrCancerDerived_InhSoilDermMMilk	3.00E-06
232	ALL	668682.3	4343441	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06
1520	ALL	669402.3	4344221	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06
1575	ALL	668642.3	4344261	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06
1402	ALL	668582.3	4344181	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06
1389	ALL	669342.3	4344161	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06
497	ALL	668822.3	4343561	2.98E-06	30YrCancerDerived_InhSoilDermMMilk	2.98E-06
539	ALL	668842.3	4343581	2.98E-06	30YrCancerDerived_InhSoilDermMMilk	2.98E-06
1076	ALL	668442.3	4344021	2.98E-06	30YrCancerDerived_InhSoilDermMMilk	2.98E-06
1100	ALL	669202.3	4344021	2.98E-06	30YrCancerDerived_InhSoilDermMMilk	2.98E-06
614	ALL	668882.3	4343621	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06
581	ALL	668862.3	4343601	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06
1360	ALL	668562.3	4344161	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
647	ALL	668902.3	4343641	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
452	ALL	668802.3	4343541	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
60	ALL	668582.3	4343361	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
1265	ALL	669242.3	4344101	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06
1532	ALL	668622.3	4344241	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06
190	ALL	668662.3	4343421	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06
670	ALL	668922.3	4343661	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06
1321	ALL	668542.3	4344141	2.94E-06	30YrCancerDerived_InhSoilDermMMilk	2.94E-06
1347	ALL	669322.3	4344141	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06

1563	ALL	669422.3	4344241	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
1706	ALL	668682.3	4344321	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
1003	ALL	669182.3	4343961	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06
407	ALL	668782.3	4343521	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
1280	ALL	668522.3	4344121	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06
1223	ALL	669222.3	4344081	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
883	ALL	669082.7	4343856	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
726	ALL	668962.3	4343701	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06
148	ALL	668642.3	4343401	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
363	ALL	668762.3	4343501	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
748	ALL	668982.3	4343721	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
1488	ALL	668602.3	4344221	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
1063	ALL	669202.3	4344001	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
1661	ALL	668662.3	4344301	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
1238	ALL	668502.3	4344101	2.90E-06	30YrCancerDerived_InhSoilDermMMilk	2.90E-06
1195	ALL	668482.3	4344081	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
319	ALL	668742.3	4343481	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
770	ALL	669002.3	4343741	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
1266	ALL	669262.3	4344101	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06
275	ALL	668722.3	4343461	2.87E-06	30YrCancerDerived_InhSoilDermMMilk	2.87E-06
1606	ALL	669442.3	4344261	2.87E-06	30YrCancerDerived_InhSoilDermMMilk	2.87E-06
1154	ALL	668462.3	4344061	2.87E-06	30YrCancerDerived_InhSoilDermMMilk	2.87E-06
1617	ALL	668642.3	4344281	2.87E-06	30YrCancerDerived_InhSoilDermMMilk	2.87E-06
1445	ALL	668582.3	4344201	2.87E-06	30YrCancerDerived_InhSoilDermMMilk	2.87E-06
1308	ALL	669302.3	4344121	2.87E-06	30YrCancerDerived_InhSoilDermMMilk	2.87E-06
1113	ALL	668442.3	4344041	2.86E-06	30YrCancerDerived_InhSoilDermMMilk	2.86E-06
1434	ALL	669382.3	4344181	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
106	ALL	668622.3	4343381	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
233	ALL	668702.3	4343441	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
806	ALL	669022.3	4343781	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06
1401	ALL	668562.3	4344181	2.84E-06	30YrCancerDerived_InhSoilDermMMilk	2.84E-06
1390	ALL	669362.3	4344161	2.84E-06	30YrCancerDerived_InhSoilDermMMilk	2.84E-06
1574	ALL	668622.3	4344261	2.84E-06	30YrCancerDerived_InhSoilDermMMilk	2.84E-06
1477	ALL	669402.3	4344201	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
1181	ALL	669222.3	4344061	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
453	ALL	668822.3	4343541	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06
1359	ALL	668542.3	4344161	2.82E-06	30YrCancerDerived_InhSoilDermMMilk	2.82E-06
498	ALL	668842.3	4343561	2.82E-06	30YrCancerDerived_InhSoilDermMMilk	2.82E-06
1030	ALL	669202.3	4343981	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
191	ALL	668682.3	4343421	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
1521	ALL	669422.3	4344221	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06
1320	ALL	668522.3	4344141	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
61	ALL	668602.3	4343361	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
615	ALL	668902.3	4343621	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
1531	ALL	668602.3	4344241	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
408	ALL	668802.3	4343521	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-06
540	ALL	668862.3	4343581	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
648	ALL	668922.3	4343641	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
582	ALL	668882.3	4343601	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
1141	ALL	669222.3	4344041	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
1279	ALL	668502.3	4344121	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06
1705	ALL	668662.3	4344321	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06
1237	ALL	668482.3	4344101	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
696	ALL	668962.3	4343681	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
1267	ALL	669282.3	4344101	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
149	ALL	668662.3	4343401	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06
727	ALL	668982.3	4343701	2.76E-06	30YrCancerDerived_InhSoilDermMMilk	2.76E-06
1348	ALL	669342.3	4344141	2.76E-06	30YrCancerDerived_InhSoilDermMMilk	2.76E-06
364	ALL	668782.3	4343501	2.76E-06	30YrCancerDerived_InhSoilDermMMilk	2.76E-06
749	ALL	669002.3	4343721	2.76E-06	30YrCancerDerived_InhSoilDermMMilk	2.76E-06
1194	ALL	668462.3	4344081	2.76E-06	30YrCancerDerived_InhSoilDermMMilk	2.76E-06
1487	ALL	668582.3	4344221	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
1660	ALL	668642.3	4344301	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
1224	ALL	669242.3	4344081	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
1101	ALL	669222.3	4344021	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
1564	ALL	669442.3	4344241	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06
1153	ALL	668442.3	4344061	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06
320	ALL	668762.3	4343481	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06
1444	ALL	668562.3	4344201	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06
1616	ALL	668622.3	4344281	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06
276	ALL	668742.3	4343461	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06
1004	ALL	669202.3	4343961	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06
1309	ALL	669322.3	4344121	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06
107	ALL	668642.3	4343381	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06
234	ALL	668722.3	4343441	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06
1400	ALL	668542.3	4344181	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06
1391	ALL	669382.3	4344161	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06
1573	ALL	668602.3	4344261	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
1358	ALL	668522.3	4344161	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
1435	ALL	669402.3	4344181	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
1064	ALL	669222.3	4344001	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06
454	ALL	668842.3	4343541	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
192	ALL	668702.3	4343421	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
1319	ALL	668502.3	4344141	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
409	ALL	668822.3	4343521	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06
1478	ALL	669422.3	4344201	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
1278	ALL	668482.3	4344121	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-06
1530	ALL	668582.3	4344241	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
1225	ALL	669262.3	4344081	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
62	ALL	668622.3	4343361	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06
1182	ALL	669242.3	4344061	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
1236	ALL	668462.3	4344101	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
616	ALL	668922.3	4343621	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
499	ALL	668862.3	4343561	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06
1704	ALL	668642.3	4344321	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
365	ALL	668802.3	4343501	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
583	ALL	668902.3	4343601	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
1268	ALL	669302.3	4344101	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
150	ALL	668682.3	4343401	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
1193	ALL	668442.3	4344081	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06
697	ALL	668982.3	4343681	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
1522	ALL	669442.3	4344221	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
541	ALL	668882.3	4343581	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06
1486	ALL	668562.3	4344221	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
1349	ALL	669362.3	4344141	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
1659	ALL	668622.3	4344301	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06
1031	ALL	669222.3	4343981	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06

321	ALL	668782.3	4343481	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06
1443	ALL	668542.3	4344201	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06
1142	ALL	669242.3	4344041	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-06
108	ALL	668662.3	4343381	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
1615	ALL	668602.3	4344281	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
1399	ALL	668522.3	4344181	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
771	ALL	669042.3	4343741	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
277	ALL	668762.3	4343461	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-06
1357	ALL	668502.3	4344161	2.58E-06	30YrCancerDerived_InhSoilDermMMilk	2.58E-06
235	ALL	668742.3	4343441	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
1318	ALL	668482.3	4344141	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
1226	ALL	669282.3	4344081	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06
1572	ALL	668582.3	4344261	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
193	ALL	668722.3	4343421	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
1392	ALL	669402.3	4344161	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
1102	ALL	669242.3	4344021	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
410	ALL	668842.3	4343521	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-06
1277	ALL	668462.3	4344121	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
1310	ALL	669342.3	4344121	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
826	ALL	669062.3	4343801	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06
1436	ALL	669422.3	4344181	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
455	ALL	668862.3	4343541	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
907	ALL	669182.3	4343881	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
1235	ALL	668442.3	4344101	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
1529	ALL	668562.3	4344241	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-06
366	ALL	668822.3	4343501	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
807	ALL	669062.3	4343781	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
63	ALL	668642.3	4343361	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06
1005	ALL	669222.3	4343961	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
151	ALL	668702.3	4343401	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
1183	ALL	669262.3	4344061	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
1350	ALL	669382.3	4344141	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
1479	ALL	669442.3	4344201	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
617	ALL	668942.3	4343621	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
1703	ALL	668622.3	4344321	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
584	ALL	668922.3	4343601	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-06
698	ALL	669002.3	4343681	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
1269	ALL	669322.3	4344101	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
1485	ALL	668542.3	4344221	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06
542	ALL	668902.3	4343581	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
1065	ALL	669242.3	4344001	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
322	ALL	668802.3	4343481	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
750	ALL	669042.3	4343721	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
500	ALL	668882.3	4343561	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06
1658	ALL	668602.3	4344301	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-06
1442	ALL	668522.3	4344201	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-06
1398	ALL	668502.3	4344181	2.48E-06	30YrCancerDerived_InhSoilDermMMilk	2.48E-06
109	ALL	668682.3	4343381	2.48E-06	30YrCancerDerived_InhSoilDermMMilk	2.48E-06
1227	ALL	669302.3	4344081	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
1356	ALL	668482.3	4344161	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
1614	ALL	668582.3	4344281	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
278	ALL	668782.3	4343461	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06
772	ALL	669062.3	4343741	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-06
1317	ALL	668462.3	4344141	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-06
236	ALL	668762.3	4343441	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
1184	ALL	669282.3	4344061	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
1571	ALL	668562.3	4344261	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
1276	ALL	668442.3	4344121	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06
411	ALL	668862.3	4343521	2.44E-06	30YrCancerDerived_InhSoilDermMMilk	2.44E-06
194	ALL	668742.3	4343421	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
1032	ALL	669242.3	4343981	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
1393	ALL	669422.3	4344161	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
1143	ALL	669262.3	4344041	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
1311	ALL	669362.3	4344121	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
367	ALL	668842.3	4343501	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06
1528	ALL	668542.3	4344241	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
1351	ALL	669402.3	4344141	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
1437	ALL	669442.3	4344181	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-06
618	ALL	668962.3	4343621	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
152	ALL	668722.3	4343401	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
64	ALL	668662.3	4343361	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
456	ALL	668882.3	4343541	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
585	ALL	668942.3	4343601	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-06
908	ALL	669202.3	4343881	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
699	ALL	669022.3	4343681	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
323	ALL	668822.3	4343481	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
1103	ALL	669262.3	4344021	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
1702	ALL	668602.3	4344321	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
543	ALL	668922.3	4343581	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
1484	ALL	668522.3	4344221	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
728	ALL	669042.3	4343701	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06
751	ALL	669062.3	4343721	2.39E-06	30YrCancerDerived_InhSoilDermMMilk	2.39E-06
1441	ALL	668502.3	4344201	2.39E-06	30YrCancerDerived_InhSoilDermMMilk	2.39E-06
501	ALL	668902.3	4343561	2.39E-06	30YrCancerDerived_InhSoilDermMMilk	2.39E-06
1185	ALL	669302.3	4344061	2.39E-06	30YrCancerDerived_InhSoilDermMMilk	2.39E-06
1657	ALL	668582.3	4344301	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
1397	ALL	668482.3	4344181	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
1228	ALL	669322.3	4344081	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-06
1312	ALL	669382.3	4344121	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
1144	ALL	669282.3	4344041	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
1355	ALL	668462.3	4344161	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
279	ALL	668802.3	4343461	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
110	ALL	668702.3	4343381	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-06
1270	ALL	669342.3	4344101	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
1613	ALL	668562.3	4344281	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
1316	ALL	668442.3	4344141	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-06
1006	ALL	669242.3	4343961	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
773	ALL	669082.3	4343741	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-06
1066	ALL	669262.3	4344001	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
237	ALL	668782.3	4343441	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
1570	ALL	668542.3	4344261	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-06
884	ALL	669202.3	4343861	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
368	ALL	668862.3	4343501	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-06
412	ALL	668882.3	4343521	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
195	ALL	668762.3	4343421	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
1145	ALL	669302.3	4344041	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
619	ALL	668982.3	4343621	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06

1186	ALL	669322.3	4344061	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
586	ALL	668962.3	4343601	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
1394	ALL	669442.3	4344161	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
1527	ALL	668522.3	4344241	2.32E-06	30YrCancerDerived_InhSoilDermMMilk	2.32E-06
1352	ALL	669422.3	4344141	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-06
544	ALL	668942.3	4343581	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-06
324	ALL	668842.3	4343481	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-06
65	ALL	668682.3	4343361	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
457	ALL	668902.3	4343541	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
153	ALL	668742.3	4343401	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
1104	ALL	669282.3	4344021	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
1483	ALL	668502.3	4344221	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
502	ALL	668922.3	4343561	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
729	ALL	669062.3	4343701	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-06
1313	ALL	669402.3	4344121	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
1701	ALL	668582.3	4344321	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
1440	ALL	668482.3	4344201	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
979	ALL	669242.3	4343941	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
752	ALL	669082.3	4343721	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
1396	ALL	668462.3	4344181	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-06
1229	ALL	669342.3	4344081	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
1271	ALL	669362.3	4344101	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
280	ALL	668822.3	4343461	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
1656	ALL	668562.3	4344301	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
1354	ALL	668442.3	4344161	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-06
111	ALL	668722.3	4343381	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
1033	ALL	669262.3	4343981	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
827	ALL	669162.3	4343801	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-06
1146	ALL	669322.3	4344041	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
1612	ALL	668542.3	4344281	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
1187	ALL	669342.3	4344061	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-06
1272	ALL	669382.3	4344101	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-06
238	ALL	668802.3	4343441	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-06
1569	ALL	668522.3	4344261	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-06
587	ALL	668982.3	4343601	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
369	ALL	668882.3	4343501	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
545	ALL	668962.3	4343581	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
620	ALL	669002.3	4343621	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
196	ALL	668782.3	4343421	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
413	ALL	668902.3	4343521	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06
1526	ALL	668502.3	4344241	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
1067	ALL	669282.3	4344001	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
1105	ALL	669302.3	4344021	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
503	ALL	668942.3	4343561	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
1147	ALL	669342.3	4344041	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
458	ALL	668922.3	4343541	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
1230	ALL	669362.3	4344081	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
325	ALL	668862.3	4343481	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-06
66	ALL	668702.3	4343361	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
1353	ALL	669442.3	4344141	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
1314	ALL	669422.3	4344121	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
1482	ALL	668482.3	4344221	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
700	ALL	669062.3	4343681	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-06
1439	ALL	668462.3	4344201	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
730	ALL	669082.3	4343701	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
154	ALL	668762.3	4343401	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
1007	ALL	669262.3	4343961	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
1188	ALL	669362.3	4344061	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
885	ALL	669222.3	4343861	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
1395	ALL	668442.3	4344181	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
1700	ALL	668562.3	4344321	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06
281	ALL	668842.3	4343461	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-06
828	ALL	669182.3	4343801	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-06
1273	ALL	669402.3	4344101	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-06
1655	ALL	668542.3	4344301	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
1231	ALL	669382.3	4344081	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
792	ALL	669142.3	4343761	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
112	ALL	668742.3	4343381	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-06
239	ALL	668822.3	4343441	2.17E-06	30YrCancerDerived_InhSoilDermMMilk	2.17E-06
1148	ALL	669362.3	4344041	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
1611	ALL	668522.3	4344281	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
1106	ALL	669322.3	4344021	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-06
1568	ALL	668502.3	4344261	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
1189	ALL	669382.3	4344061	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
546	ALL	668982.3	4343581	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-06
504	ALL	668962.3	4343561	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
588	ALL	669002.3	4343601	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
67	ALL	668722.3	4343361	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
1034	ALL	669282.3	4343981	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
459	ALL	668942.3	4343541	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
197	ALL	668802.3	4343421	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
414	ALL	668922.3	4343521	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
621	ALL	669022.3	4343621	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
370	ALL	668902.3	4343501	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
1525	ALL	668482.3	4344241	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-06
980	ALL	669262.3	4343941	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
326	ALL	668882.3	4343481	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
1315	ALL	669442.3	4344121	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
1481	ALL	668462.3	4344221	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
863	ALL	669222.3	4343841	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-06
1274	ALL	669422.3	4344101	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
1232	ALL	669402.3	4344081	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
1438	ALL	668442.3	4344201	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
1068	ALL	669302.3	4344001	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
701	ALL	669082.3	4343681	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-06
155	ALL	668782.3	4343401	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
282	ALL	668862.3	4343461	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
1149	ALL	669382.3	4344041	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
1107	ALL	669342.3	4344021	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
1699	ALL	668542.3	4344321	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-06
1654	ALL	668522.3	4344301	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
1190	ALL	669402.3	4344061	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
113	ALL	668762.3	4343381	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
240	ALL	668842.3	4343441	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-06
1610	ALL	668502.3	4344281	2.08E-06	30YrCancerDerived_InhSoilDermMMilk	2.08E-06
956	ALL	669262.3	4343921	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
1567	ALL	668482.3	4344261	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06

547	ALL	669002.3	4343581	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
505	ALL	668982.3	4343561	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-06
1008	ALL	669282.3	4343961	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
460	ALL	668962.3	4343541	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
589	ALL	669022.3	4343601	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
1233	ALL	669422.3	4344081	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
68	ALL	668742.3	4343361	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
198	ALL	668822.3	4343421	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
415	ALL	668942.3	4343521	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
1108	ALL	669362.3	4344021	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
1275	ALL	669442.3	4344101	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
1524	ALL	668462.3	4344241	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
622	ALL	669042.3	4343621	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-06
371	ALL	668922.3	4343501	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
1480	ALL	668442.3	4344221	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-06
327	ALL	668902.3	4343481	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
1150	ALL	669402.3	4344041	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-06
1069	ALL	669322.3	4344001	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
156	ALL	668802.3	4343401	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
283	ALL	668882.3	4343461	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
774	ALL	669162.3	4343741	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
1035	ALL	669302.3	4343981	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-06
1698	ALL	668522.3	4344321	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
808	ALL	669202.3	4343781	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
1191	ALL	669422.3	4344061	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-06
1653	ALL	668502.3	4344301	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
1109	ALL	669382.3	4344021	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
241	ALL	668862.3	4343441	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
114	ALL	668782.3	4343381	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-06
1609	ALL	668482.3	4344281	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	2.00E-06
981	ALL	669282.3	4343941	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	2.00E-06
1234	ALL	669442.3	4344081	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
1566	ALL	668462.3	4344261	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
548	ALL	669022.3	4343581	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
506	ALL	669002.3	4343561	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
590	ALL	669042.3	4343601	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
199	ALL	668842.3	4343421	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06
461	ALL	668982.3	4343541	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
1070	ALL	669342.3	4344001	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
1523	ALL	668442.3	4344241	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
69	ALL	668762.3	4343361	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
416	ALL	668962.3	4343521	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
623	ALL	669062.3	4343621	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	1.98E-06
372	ALL	668942.3	4343501	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
328	ALL	668922.3	4343481	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
1151	ALL	669422.3	4344041	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06
157	ALL	668822.3	4343401	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
1110	ALL	669402.3	4344021	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
753	ALL	669162.3	4343721	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
284	ALL	668902.3	4343461	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06
702	ALL	669122.3	4343681	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06
1009	ALL	669302.3	4343961	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06
775	ALL	669182.3	4343741	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06
957	ALL	669282.3	4343921	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06
1697	ALL	668502.3	4344321	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06
1071	ALL	669362.3	4344001	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
1652	ALL	668482.3	4344301	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
242	ALL	668882.3	4343441	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
809	ALL	669222.3	4343781	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
1192	ALL	669442.3	4344061	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06
115	ALL	668802.3	4343381	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06
1608	ALL	668462.3	4344281	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06
1036	ALL	669322.3	4343981	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
1565	ALL	668442.3	4344261	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
933	ALL	669282.3	4343901	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
200	ALL	668862.3	4343421	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
549	ALL	669042.3	4343581	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06
507	ALL	669022.3	4343561	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
591	ALL	669062.3	4343601	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
462	ALL	669002.3	4343541	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
70	ALL	668782.3	4343361	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
624	ALL	669082.3	4343621	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	1.91E-06
417	ALL	668982.3	4343521	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
373	ALL	668962.3	4343501	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
1072	ALL	669382.3	4344001	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06
329	ALL	668942.3	4343481	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
982	ALL	669302.3	4343941	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
158	ALL	668842.3	4343401	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
1111	ALL	669422.3	4344021	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06
703	ALL	669142.3	4343681	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
285	ALL	668922.3	4343461	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
1152	ALL	669442.3	4344041	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
1010	ALL	669322.3	4343961	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06
1696	ALL	668482.3	4344321	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
243	ALL	668902.3	4343441	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
1037	ALL	669342.3	4343981	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
1651	ALL	668462.3	4344301	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06
116	ALL	668822.3	4343381	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
1607	ALL	668442.3	4344281	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06
1073	ALL	669402.3	4344001	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
201	ALL	668882.3	4343421	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
550	ALL	669062.3	4343581	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06
508	ALL	669042.3	4343561	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
592	ALL	669082.3	4343601	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
463	ALL	669022.3	4343541	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
958	ALL	669302.3	4343921	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
71	ALL	668802.3	4343361	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
625	ALL	669102.3	4343621	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06
418	ALL	669002.3	4343521	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
159	ALL	668862.3	4343401	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
374	ALL	668982.3	4343501	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06
1038	ALL	669362.3	4343981	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
671	ALL	669142.3	4343661	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
704	ALL	669162.3	4343681	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
330	ALL	668962.3	4343481	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06
286	ALL	668942.3	4343461	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
983	ALL	669322.3	4343941	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06

934	ALL	669302.3	4343901	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
1112	ALL	669442.3	4344021	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
1011	ALL	669342.3	4343961	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
1695	ALL	668462.3	4344321	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06
244	ALL	668922.3	4343441	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
117	ALL	668842.3	4343381	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
1650	ALL	668442.3	4344301	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
1074	ALL	669422.3	4344001	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	1.80E-06
909	ALL	669302.3	4343881	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
202	ALL	668902.3	4343421	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
1039	ALL	669382.3	4343981	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06
551	ALL	669082.3	4343581	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
593	ALL	669102.3	4343601	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
509	ALL	669062.3	4343561	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
464	ALL	669042.3	4343541	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06
626	ALL	669122.3	4343621	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
72	ALL	668822.3	4343361	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
419	ALL	669022.3	4343521	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
649	ALL	669142.3	4343641	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
160	ALL	668882.3	4343401	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
672	ALL	669162.3	4343661	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06
705	ALL	669182.3	4343681	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
375	ALL	669002.3	4343501	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
886	ALL	669302.3	4343861	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
1012	ALL	669362.3	4343961	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
959	ALL	669322.3	4343921	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06
984	ALL	669342.3	4343941	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
331	ALL	668982.3	4343481	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
1694	ALL	668442.3	4344321	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
1040	ALL	669402.3	4343981	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06
287	ALL	668962.3	4343461	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06
118	ALL	668862.3	4343381	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06
245	ALL	668942.3	4343441	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06
776	ALL	669242.3	4343741	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
1075	ALL	669442.3	4344001	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
935	ALL	669322.3	4343901	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06
203	ALL	668922.3	4343421	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
552	ALL	669102.3	4343581	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
594	ALL	669122.3	4343601	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
910	ALL	669322.3	4343881	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
510	ALL	669082.3	4343561	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
627	ALL	669142.3	4343621	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06
465	ALL	669062.3	4343541	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
864	ALL	669302.3	4343841	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
73	ALL	668842.3	4343361	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
1013	ALL	669382.3	4343961	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
650	ALL	669162.3	4343641	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
420	ALL	669042.3	4343521	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
673	ALL	669182.3	4343661	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
161	ALL	668902.3	4343401	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06
706	ALL	669202.3	4343681	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
985	ALL	669362.3	4343941	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
960	ALL	669342.3	4343921	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
1041	ALL	669422.3	4343981	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
376	ALL	669022.3	4343501	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
887	ALL	669322.3	4343861	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06
936	ALL	669342.3	4343901	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
119	ALL	668882.3	4343381	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
332	ALL	669002.3	4343481	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06
288	ALL	668982.3	4343461	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
911	ALL	669342.3	4343881	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
1014	ALL	669402.3	4343961	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06
246	ALL	668962.3	4343441	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
754	ALL	669242.3	4343721	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
986	ALL	669382.3	4343941	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
847	ALL	669302.3	4343821	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
810	ALL	669282.3	4343781	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
204	ALL	668942.3	4343421	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	1.67E-06
961	ALL	669362.3	4343921	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
553	ALL	669122.3	4343581	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
595	ALL	669142.3	4343601	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
74	ALL	668862.3	4343361	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
511	ALL	669102.3	4343561	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
628	ALL	669162.3	4343621	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
865	ALL	669322.3	4343841	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
937	ALL	669362.3	4343901	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
888	ALL	669342.3	4343861	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
466	ALL	669082.3	4343541	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
651	ALL	669182.3	4343641	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06
777	ALL	669262.3	4343741	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
421	ALL	669062.3	4343521	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
162	ALL	668922.3	4343401	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
674	ALL	669202.3	4343661	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
1042	ALL	669442.3	4343981	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06
962	ALL	669382.3	4343921	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
377	ALL	669042.3	4343501	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
912	ALL	669362.3	4343881	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
707	ALL	669222.3	4343681	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
987	ALL	669402.3	4343941	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
1015	ALL	669422.3	4343961	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06
120	ALL	668902.3	4343381	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
333	ALL	669022.3	4343481	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
829	ALL	669302.3	4343801	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06
938	ALL	669382.3	4343901	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
289	ALL	669002.3	4343461	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
731	ALL	669242.3	4343701	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
793	ALL	669282.3	4343761	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06
247	ALL	668982.3	4343441	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
889	ALL	669362.3	4343861	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
866	ALL	669342.3	4343841	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
75	ALL	668882.3	4343361	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
848	ALL	669322.3	4343821	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
963	ALL	669402.3	4343921	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
205	ALL	668962.3	4343421	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
554	ALL	669142.3	4343581	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06
596	ALL	669162.3	4343601	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
512	ALL	669122.3	4343561	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06

629	ALL	669182.3	4343621	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
467	ALL	669102.3	4343541	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
988	ALL	669422.3	4343941	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
652	ALL	669202.3	4343641	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
913	ALL	669382.3	4343881	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
422	ALL	669082.3	4343521	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
163	ALL	668942.3	4343401	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	1.60E-06
811	ALL	669302.3	4343781	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
378	ALL	669062.3	4343501	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
755	ALL	669262.3	4343721	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
675	ALL	669222.3	4343661	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
1016	ALL	669442.3	4343961	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
939	ALL	669402.3	4343901	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	1.59E-06
121	ALL	668922.3	4343381	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
334	ALL	669042.3	4343481	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
964	ALL	669422.3	4343921	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06
867	ALL	669362.3	4343841	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
849	ALL	669342.3	4343821	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
708	ALL	669242.3	4343681	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
76	ALL	668902.3	4343361	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
290	ALL	669022.3	4343461	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
890	ALL	669382.3	4343861	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
830	ALL	669322.3	4343801	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06
778	ALL	669282.3	4343741	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
989	ALL	669442.3	4343941	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
248	ALL	669002.3	4343441	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
914	ALL	669402.3	4343881	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	1.56E-06
206	ALL	668982.3	4343421	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
513	ALL	669142.3	4343561	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
555	ALL	669162.3	4343581	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
597	ALL	669182.3	4343601	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
630	ALL	669202.3	4343621	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
468	ALL	669122.3	4343541	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
940	ALL	669422.3	4343901	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
794	ALL	669302.3	4343761	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06
423	ALL	669102.3	4343521	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
164	ALL	668962.3	4343401	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
653	ALL	669222.3	4343641	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
965	ALL	669442.3	4343921	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
379	ALL	669082.3	4343501	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
732	ALL	669262.3	4343701	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	1.54E-06
812	ALL	669322.3	4343781	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
122	ALL	668942.3	4343381	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
850	ALL	669362.3	4343821	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
868	ALL	669382.3	4343841	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
335	ALL	669062.3	4343481	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
831	ALL	669342.3	4343801	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
891	ALL	669402.3	4343861	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06
676	ALL	669242.3	4343661	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
77	ALL	668922.3	4343361	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
291	ALL	669042.3	4343461	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
915	ALL	669422.3	4343881	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	1.52E-06
249	ALL	669022.3	4343441	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
941	ALL	669442.3	4343901	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06
756	ALL	669282.3	4343721	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
207	ALL	669002.3	4343421	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
514	ALL	669162.3	4343561	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
556	ALL	669182.3	4343581	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
598	ALL	669202.3	4343601	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
469	ALL	669142.3	4343541	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
631	ALL	669222.3	4343621	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
424	ALL	669122.3	4343521	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06
165	ALL	668982.3	4343401	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
709	ALL	669262.3	4343681	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
813	ALL	669342.3	4343781	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
779	ALL	669302.3	4343741	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
832	ALL	669362.3	4343801	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
380	ALL	669102.3	4343501	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
851	ALL	669382.3	4343821	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
869	ALL	669402.3	4343841	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	1.49E-06
123	ALL	668962.3	4343381	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
795	ALL	669322.3	4343761	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
892	ALL	669422.3	4343861	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
654	ALL	669242.3	4343641	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
336	ALL	669082.3	4343481	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
78	ALL	668942.3	4343361	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	1.48E-06
916	ALL	669442.3	4343881	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
292	ALL	669062.3	4343461	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
28	ALL	668922.3	4343341	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06
250	ALL	669042.3	4343441	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
733	ALL	669282.3	4343701	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
599	ALL	669222.3	4343601	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
208	ALL	669022.3	4343421	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	1.46E-06
677	ALL	669262.3	4343661	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
814	ALL	669362.3	4343781	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
833	ALL	669382.3	4343801	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
515	ALL	669182.3	4343561	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
557	ALL	669202.3	4343581	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
852	ALL	669402.3	4343821	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
470	ALL	669162.3	4343541	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
166	ALL	669002.3	4343401	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
425	ALL	669142.3	4343521	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
870	ALL	669422.3	4343841	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
796	ALL	669342.3	4343761	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	1.45E-06
632	ALL	669242.3	4343621	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
381	ALL	669122.3	4343501	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
893	ALL	669442.3	4343861	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
124	ALL	668982.3	4343381	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
757	ALL	669302.3	4343721	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
337	ALL	669102.3	4343481	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06
79	ALL	668962.3	4343361	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
780	ALL	669322.3	4343741	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
293	ALL	669082.3	4343461	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06
29	ALL	668942.3	4343341	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
710	ALL	669282.3	4343681	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
655	ALL	669262.3	4343641	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
815	ALL	669382.3	4343781	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06

834	ALL	669402.3	4343801	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
251	ALL	669062.3	4343441	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
853	ALL	669422.3	4343821	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	1.42E-06
797	ALL	669362.3	4343761	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
1	ALL	668922.3	4343321	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
209	ALL	669042.3	4343421	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
871	ALL	669442.3	4343841	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
558	ALL	669222.3	4343581	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
600	ALL	669242.3	4343601	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
516	ALL	669202.3	4343561	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	1.41E-06
167	ALL	669022.3	4343401	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
471	ALL	669182.3	4343541	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
426	ALL	669162.3	4343521	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
678	ALL	669282.3	4343661	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
382	ALL	669142.3	4343501	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
781	ALL	669342.3	4343741	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
125	ALL	669002.3	4343381	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
734	ALL	669302.3	4343701	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
758	ALL	669322.3	4343721	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06
633	ALL	669262.3	4343621	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
338	ALL	669122.3	4343481	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
80	ALL	668982.3	4343361	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
798	ALL	669382.3	4343761	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
816	ALL	669402.3	4343781	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	1.39E-06
294	ALL	669102.3	4343461	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
30	ALL	668962.3	4343341	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
835	ALL	669422.3	4343801	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	1.38E-06
854	ALL	669442.3	4343821	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
252	ALL	669082.3	4343441	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
2	ALL	668942.3	4343321	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
782	ALL	669362.3	4343741	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
656	ALL	669282.3	4343641	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
559	ALL	669242.3	4343581	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
210	ALL	669062.3	4343421	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	1.37E-06
517	ALL	669222.3	4343561	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
711	ALL	669302.3	4343681	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
168	ALL	669042.3	4343401	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
601	ALL	669262.3	4343601	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
472	ALL	669202.3	4343541	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
427	ALL	669182.3	4343521	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
126	ALL	669022.3	4343381	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
383	ALL	669162.3	4343501	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	1.36E-06
759	ALL	669342.3	4343721	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
735	ALL	669322.3	4343701	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
783	ALL	669382.3	4343741	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
81	ALL	669002.3	4343361	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
339	ALL	669142.3	4343481	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
799	ALL	669402.3	4343761	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
679	ALL	669302.3	4343661	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
634	ALL	669282.3	4343621	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
817	ALL	669422.3	4343781	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	1.35E-06
31	ALL	668982.3	4343341	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
295	ALL	669122.3	4343461	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
836	ALL	669442.3	4343801	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
3	ALL	668962.3	4343321	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	1.34E-06
253	ALL	669102.3	4343441	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
211	ALL	669082.3	4343421	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
560	ALL	669262.3	4343581	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
657	ALL	669302.3	4343641	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
518	ALL	669242.3	4343561	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
760	ALL	669362.3	4343721	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	1.33E-06
169	ALL	669062.3	4343401	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
736	ALL	669342.3	4343701	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
473	ALL	669222.3	4343541	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
127	ALL	669042.3	4343381	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
602	ALL	669282.3	4343601	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
428	ALL	669202.3	4343521	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
712	ALL	669322.3	4343681	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
784	ALL	669402.3	4343741	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	1.32E-06
384	ALL	669182.3	4343501	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
82	ALL	669022.3	4343361	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
761	ALL	669382.3	4343721	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
800	ALL	669422.3	4343761	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
340	ALL	669162.3	4343481	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
32	ALL	669002.3	4343341	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
818	ALL	669442.3	4343781	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
296	ALL	669142.3	4343461	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	1.31E-06
680	ALL	669322.3	4343661	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
635	ALL	669302.3	4343621	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
4	ALL	668982.3	4343321	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
254	ALL	669122.3	4343441	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
737	ALL	669362.3	4343701	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	1.30E-06
713	ALL	669342.3	4343681	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
212	ALL	669102.3	4343421	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
519	ALL	669262.3	4343561	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
561	ALL	669282.3	4343581	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
658	ALL	669322.3	4343641	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
170	ALL	669082.3	4343401	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	1.29E-06
474	ALL	669242.3	4343541	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
128	ALL	669062.3	4343381	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
429	ALL	669222.3	4343521	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
785	ALL	669422.3	4343741	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
603	ALL	669302.3	4343601	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
83	ALL	669042.3	4343361	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
762	ALL	669402.3	4343721	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
738	ALL	669382.3	4343701	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	1.28E-06
385	ALL	669202.3	4343501	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
33	ALL	669022.3	4343341	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
714	ALL	669362.3	4343681	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
801	ALL	669442.3	4343761	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
681	ALL	669342.3	4343661	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
341	ALL	669182.3	4343481	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
297	ALL	669162.3	4343461	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
5	ALL	669002.3	4343321	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	1.27E-06
636	ALL	669322.3	4343621	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
255	ALL	669142.3	4343441	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06
213	ALL	669122.3	4343421	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	1.26E-06

520	ALL	669282.3	4343561	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
171	ALL	669102.3	4343401	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
562	ALL	669302.3	4343581	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
659	ALL	669342.3	4343641	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
475	ALL	669262.3	4343541	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
129	ALL	669082.3	4343381	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	1.25E-06
430	ALL	669242.3	4343521	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
715	ALL	669382.3	4343681	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
84	ALL	669062.3	4343361	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
763	ALL	669422.3	4343721	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
739	ALL	669402.3	4343701	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
786	ALL	669442.3	4343741	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
682	ALL	669362.3	4343661	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
604	ALL	669322.3	4343601	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
386	ALL	669222.3	4343501	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
34	ALL	669042.3	4343341	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	1.24E-06
342	ALL	669202.3	4343481	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
6	ALL	669022.3	4343321	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
298	ALL	669182.3	4343461	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
637	ALL	669342.3	4343621	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
256	ALL	669162.3	4343441	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	1.23E-06
214	ALL	669142.3	4343421	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
521	ALL	669302.3	4343561	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
172	ALL	669122.3	4343401	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
476	ALL	669282.3	4343541	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	1.22E-06
660	ALL	669362.3	4343641	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
130	ALL	669102.3	4343381	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
563	ALL	669322.3	4343581	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
431	ALL	669262.3	4343521	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
85	ALL	669082.3	4343361	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
716	ALL	669402.3	4343681	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
764	ALL	669442.3	4343721	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
740	ALL	669422.3	4343701	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
683	ALL	669382.3	4343661	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
35	ALL	669062.3	4343341	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
387	ALL	669242.3	4343501	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	1.21E-06
605	ALL	669342.3	4343601	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
7	ALL	669042.3	4343321	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
343	ALL	669222.3	4343481	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
299	ALL	669202.3	4343461	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	1.20E-06
257	ALL	669182.3	4343441	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
638	ALL	669362.3	4343621	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
215	ALL	669162.3	4343421	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
173	ALL	669142.3	4343401	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	1.19E-06
522	ALL	669322.3	4343561	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
477	ALL	669302.3	4343541	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
131	ALL	669122.3	4343381	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
661	ALL	669382.3	4343641	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
564	ALL	669342.3	4343581	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
432	ALL	669282.3	4343521	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
684	ALL	669402.3	4343661	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
86	ALL	669102.3	4343361	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
741	ALL	669442.3	4343701	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
717	ALL	669422.3	4343681	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	1.18E-06
388	ALL	669262.3	4343501	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
36	ALL	669082.3	4343341	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
8	ALL	669062.3	4343321	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
344	ALL	669242.3	4343481	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
606	ALL	669362.3	4343601	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
300	ALL	669222.3	4343461	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	1.17E-06
258	ALL	669202.3	4343441	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
639	ALL	669382.3	4343621	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
216	ALL	669182.3	4343421	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	1.16E-06
174	ALL	669162.3	4343401	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
662	ALL	669402.3	4343641	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
478	ALL	669322.3	4343541	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
132	ALL	669142.3	4343381	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
523	ALL	669342.3	4343561	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
685	ALL	669422.3	4343661	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
87	ALL	669122.3	4343361	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
433	ALL	669302.3	4343521	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
718	ALL	669442.3	4343681	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
565	ALL	669362.3	4343581	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	1.15E-06
37	ALL	669102.3	4343341	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
389	ALL	669282.3	4343501	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
345	ALL	669262.3	4343481	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
9	ALL	669082.3	4343321	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
607	ALL	669382.3	4343601	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
301	ALL	669242.3	4343461	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	1.14E-06
259	ALL	669222.3	4343441	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
640	ALL	669402.3	4343621	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
217	ALL	669202.3	4343421	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
175	ALL	669182.3	4343401	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	1.13E-06
133	ALL	669162.3	4343381	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
663	ALL	669422.3	4343641	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
479	ALL	669342.3	4343541	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
88	ALL	669142.3	4343361	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
524	ALL	669362.3	4343561	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
686	ALL	669442.3	4343661	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
434	ALL	669322.3	4343521	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
38	ALL	669122.3	4343341	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	1.12E-06
566	ALL	669382.3	4343581	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
390	ALL	669302.3	4343501	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
10	ALL	669102.3	4343321	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
346	ALL	669282.3	4343481	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
302	ALL	669262.3	4343461	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
608	ALL	669402.3	4343601	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
260	ALL	669242.3	4343441	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	1.11E-06
218	ALL	669222.3	4343421	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
641	ALL	669422.3	4343621	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
176	ALL	669202.3	4343401	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
134	ALL	669182.3	4343381	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
89	ALL	669162.3	4343361	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
664	ALL	669442.3	4343641	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	1.10E-06
480	ALL	669362.3	4343541	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
39	ALL	669142.3	4343341	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
525	ALL	669382.3	4343561	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06

435	ALL	669342.3	4343521	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
11	ALL	669122.3	4343321	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	1.09E-06
567	ALL	669402.3	4343581	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
391	ALL	669322.3	4343501	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
347	ALL	669302.3	4343481	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
303	ALL	669282.3	4343461	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
261	ALL	669262.3	4343441	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
219	ALL	669242.3	4343421	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
609	ALL	669422.3	4343601	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
177	ALL	669222.3	4343401	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	1.08E-06
135	ALL	669202.3	4343381	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
642	ALL	669442.3	4343621	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
90	ALL	669182.3	4343361	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
40	ALL	669162.3	4343341	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	1.07E-06
481	ALL	669382.3	4343541	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
12	ALL	669142.3	4343321	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
436	ALL	669362.3	4343521	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
526	ALL	669402.3	4343561	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
392	ALL	669342.3	4343501	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
568	ALL	669422.3	4343581	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	1.06E-06
220	ALL	669262.3	4343421	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
262	ALL	669282.3	4343441	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
304	ALL	669302.3	4343461	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
348	ALL	669322.3	4343481	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
178	ALL	669242.3	4343401	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
136	ALL	669222.3	4343381	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
610	ALL	669442.3	4343601	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
91	ALL	669202.3	4343361	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	1.05E-06
41	ALL	669182.3	4343341	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
13	ALL	669162.3	4343321	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
482	ALL	669402.3	4343541	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	1.04E-06
437	ALL	669382.3	4343521	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
527	ALL	669422.3	4343561	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
393	ALL	669362.3	4343501	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
179	ALL	669262.3	4343401	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
221	ALL	669282.3	4343421	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
137	ALL	669242.3	4343381	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
569	ALL	669442.3	4343581	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
263	ALL	669302.3	4343441	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
92	ALL	669222.3	4343361	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
305	ALL	669322.3	4343461	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
349	ALL	669342.3	4343481	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	1.03E-06
42	ALL	669202.3	4343341	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
14	ALL	669182.3	4343321	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	1.02E-06
483	ALL	669422.3	4343541	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
438	ALL	669402.3	4343521	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
138	ALL	669262.3	4343381	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
528	ALL	669442.3	4343561	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
180	ALL	669282.3	4343401	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
93	ALL	669242.3	4343361	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
394	ALL	669382.3	4343501	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	1.01E-06
222	ALL	669302.3	4343421	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
264	ALL	669322.3	4343441	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
43	ALL	669222.3	4343341	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
306	ALL	669342.3	4343461	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
350	ALL	669362.3	4343481	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	1.00E-06
15	ALL	669202.3	4343321	9.97E-07	30YrCancerDerived_InhSoilDermMMilk	9.97E-07
139	ALL	669282.3	4343381	9.83E-07	30YrCancerDerived_InhSoilDermMMilk	9.83E-07
484	ALL	669442.3	4343541	9.82E-07	30YrCancerDerived_InhSoilDermMMilk	9.82E-07
439	ALL	669422.3	4343521	9.82E-07	30YrCancerDerived_InhSoilDermMMilk	9.82E-07
181	ALL	669302.3	4343401	9.82E-07	30YrCancerDerived_InhSoilDermMMilk	9.82E-07
94	ALL	669262.3	4343361	9.82E-07	30YrCancerDerived_InhSoilDermMMilk	9.82E-07
223	ALL	669322.3	4343421	9.81E-07	30YrCancerDerived_InhSoilDermMMilk	9.81E-07
265	ALL	669342.3	4343441	9.80E-07	30YrCancerDerived_InhSoilDermMMilk	9.80E-07
395	ALL	669402.3	4343501	9.79E-07	30YrCancerDerived_InhSoilDermMMilk	9.79E-07
44	ALL	669242.3	4343341	9.79E-07	30YrCancerDerived_InhSoilDermMMilk	9.79E-07
307	ALL	669362.3	4343461	9.77E-07	30YrCancerDerived_InhSoilDermMMilk	9.77E-07
351	ALL	669382.3	4343481	9.76E-07	30YrCancerDerived_InhSoilDermMMilk	9.76E-07
16	ALL	669222.3	4343321	9.75E-07	30YrCancerDerived_InhSoilDermMMilk	9.75E-07
140	ALL	669302.3	4343381	9.60E-07	30YrCancerDerived_InhSoilDermMMilk	9.60E-07
182	ALL	669322.3	4343401	9.59E-07	30YrCancerDerived_InhSoilDermMMilk	9.59E-07
95	ALL	669282.3	4343361	9.59E-07	30YrCancerDerived_InhSoilDermMMilk	9.59E-07
224	ALL	669342.3	4343421	9.58E-07	30YrCancerDerived_InhSoilDermMMilk	9.58E-07
440	ALL	669442.3	4343521	9.57E-07	30YrCancerDerived_InhSoilDermMMilk	9.57E-07
266	ALL	669362.3	4343441	9.57E-07	30YrCancerDerived_InhSoilDermMMilk	9.57E-07
45	ALL	669262.3	4343341	9.56E-07	30YrCancerDerived_InhSoilDermMMilk	9.56E-07
396	ALL	669422.3	4343501	9.55E-07	30YrCancerDerived_InhSoilDermMMilk	9.55E-07
308	ALL	669382.3	4343461	9.54E-07	30YrCancerDerived_InhSoilDermMMilk	9.54E-07
17	ALL	669242.3	4343321	9.53E-07	30YrCancerDerived_InhSoilDermMMilk	9.53E-07
352	ALL	669402.3	4343481	9.52E-07	30YrCancerDerived_InhSoilDermMMilk	9.52E-07
141	ALL	669322.3	4343381	9.38E-07	30YrCancerDerived_InhSoilDermMMilk	9.38E-07
183	ALL	669342.3	4343401	9.38E-07	30YrCancerDerived_InhSoilDermMMilk	9.38E-07
96	ALL	669302.3	4343361	9.37E-07	30YrCancerDerived_InhSoilDermMMilk	9.37E-07
225	ALL	669362.3	4343421	9.36E-07	30YrCancerDerived_InhSoilDermMMilk	9.36E-07
267	ALL	669382.3	4343441	9.35E-07	30YrCancerDerived_InhSoilDermMMilk	9.35E-07
46	ALL	669282.3	4343341	9.33E-07	30YrCancerDerived_InhSoilDermMMilk	9.33E-07
309	ALL	669402.3	4343461	9.32E-07	30YrCancerDerived_InhSoilDermMMilk	9.32E-07
397	ALL	669442.3	4343501	9.31E-07	30YrCancerDerived_InhSoilDermMMilk	9.31E-07
18	ALL	669262.3	4343321	9.30E-07	30YrCancerDerived_InhSoilDermMMilk	9.30E-07
353	ALL	669422.3	4343481	9.29E-07	30YrCancerDerived_InhSoilDermMMilk	9.29E-07
184	ALL	669362.3	4343401	9.17E-07	30YrCancerDerived_InhSoilDermMMilk	9.17E-07
142	ALL	669342.3	4343381	9.17E-07	30YrCancerDerived_InhSoilDermMMilk	9.17E-07
226	ALL	669382.3	4343421	9.16E-07	30YrCancerDerived_InhSoilDermMMilk	9.16E-07
97	ALL	669322.3	4343361	9.15E-07	30YrCancerDerived_InhSoilDermMMilk	9.15E-07
268	ALL	669402.3	4343441	9.15E-07	30YrCancerDerived_InhSoilDermMMilk	9.15E-07
47	ALL	669302.3	4343341	9.11E-07	30YrCancerDerived_InhSoilDermMMilk	9.11E-07
310	ALL	669422.3	4343461	9.11E-07	30YrCancerDerived_InhSoilDermMMilk	9.11E-07
19	ALL	669282.3	4343321	9.08E-07	30YrCancerDerived_InhSoilDermMMilk	9.08E-07
354	ALL	669442.3	4343481	9.07E-07	30YrCancerDerived_InhSoilDermMMilk	9.07E-07
185	ALL	669382.3	4343401	8.97E-07	30YrCancerDerived_InhSoilDermMMilk	8.97E-07
143	ALL	669362.3	4343381	8.96E-07	30YrCancerDerived_InhSoilDermMMilk	8.96E-07
227	ALL	669402.3	4343421	8.96E-07	30YrCancerDerived_InhSoilDermMMilk	8.96E-07
269	ALL	669422.3	4343441	8.95E-07	30YrCancerDerived_InhSoilDermMMilk	8.95E-07
98	ALL	669342.3	4343361	8.94E-07	30YrCancerDerived_InhSoilDermMMilk	8.94E-07
48	ALL	669322.3	4343341	8.91E-07	30YrCancerDerived_InhSoilDermMMilk	8.91E-07
311	ALL	669442.3	4343461	8.90E-07	30YrCancerDerived_InhSoilDermMMilk	8.90E-07
20	ALL	669302.3	4343321	8.87E-07	30YrCancerDerived_InhSoilDermMMilk	8.87E-07

186	ALL	669402.3	4343401	8.76E-07	30YrCancerDerived_InhSoilDermMMilk	8.76E-07
228	ALL	669422.3	4343421	8.76E-07	30YrCancerDerived_InhSoilDermMMilk	8.76E-07
144	ALL	669382.3	4343381	8.75E-07	30YrCancerDerived_InhSoilDermMMilk	8.75E-07
270	ALL	669442.3	4343441	8.74E-07	30YrCancerDerived_InhSoilDermMMilk	8.74E-07
99	ALL	669362.3	4343361	8.74E-07	30YrCancerDerived_InhSoilDermMMilk	8.74E-07
49	ALL	669342.3	4343341	8.70E-07	30YrCancerDerived_InhSoilDermMMilk	8.70E-07
21	ALL	669322.3	4343321	8.67E-07	30YrCancerDerived_InhSoilDermMMilk	8.67E-07
187	ALL	669422.3	4343401	8.57E-07	30YrCancerDerived_InhSoilDermMMilk	8.57E-07
229	ALL	669442.3	4343421	8.56E-07	30YrCancerDerived_InhSoilDermMMilk	8.56E-07
145	ALL	669402.3	4343381	8.55E-07	30YrCancerDerived_InhSoilDermMMilk	8.55E-07
100	ALL	669382.3	4343361	8.53E-07	30YrCancerDerived_InhSoilDermMMilk	8.53E-07
50	ALL	669362.3	4343341	8.50E-07	30YrCancerDerived_InhSoilDermMMilk	8.50E-07
22	ALL	669342.3	4343321	8.47E-07	30YrCancerDerived_InhSoilDermMMilk	8.47E-07
188	ALL	669442.3	4343401	8.37E-07	30YrCancerDerived_InhSoilDermMMilk	8.37E-07
146	ALL	669422.3	4343381	8.36E-07	30YrCancerDerived_InhSoilDermMMilk	8.36E-07
101	ALL	669402.3	4343361	8.34E-07	30YrCancerDerived_InhSoilDermMMilk	8.34E-07
51	ALL	669382.3	4343341	8.31E-07	30YrCancerDerived_InhSoilDermMMilk	8.31E-07
23	ALL	669362.3	4343321	8.27E-07	30YrCancerDerived_InhSoilDermMMilk	8.27E-07
147	ALL	669442.3	4343381	8.18E-07	30YrCancerDerived_InhSoilDermMMilk	8.18E-07
102	ALL	669422.3	4343361	8.16E-07	30YrCancerDerived_InhSoilDermMMilk	8.16E-07
52	ALL	669402.3	4343341	8.12E-07	30YrCancerDerived_InhSoilDermMMilk	8.12E-07
24	ALL	669382.3	4343321	8.08E-07	30YrCancerDerived_InhSoilDermMMilk	8.08E-07
103	ALL	669442.3	4343361	7.98E-07	30YrCancerDerived_InhSoilDermMMilk	7.98E-07
53	ALL	669422.3	4343341	7.94E-07	30YrCancerDerived_InhSoilDermMMilk	7.94E-07
25	ALL	669402.3	4343321	7.89E-07	30YrCancerDerived_InhSoilDermMMilk	7.89E-07
54	ALL	669442.3	4343341	7.77E-07	30YrCancerDerived_InhSoilDermMMilk	7.77E-07
26	ALL	669422.3	4343321	7.71E-07	30YrCancerDerived_InhSoilDermMMilk	7.71E-07
27	ALL	669442.3	4343321	7.53E-07	30YrCancerDerived_InhSoilDermMMilk	7.53E-07

Item # 11.

*HARP - HRACalc v22118 1/16/2024 11:22:55 AM - Chronic Risk - Input File: C:\Users\imcintire\Desktop\HARP2\Dorsey 2\9478_DORSEY_CUMULATIVE-PROJECT_ 20PercentADT\hra\9478_DORSEY_CUMULATIVE-PROJECT_20PercentADT_HRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	MAXHI
1095	ALL		668822.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-02
1060	ALL		668802.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-02
1028	ALL		668782.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-02
1679	ALL		669162.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-02
1294	ALL		668889.2	4344116	NonCancerChronicDerived_InhSoilDermMMilk	9.69E-03
1418	ALL		668942.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	9.66E-03
1131	ALL		668822.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	9.64E-03
1725	ALL		669182.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	9.63E-03
1094	ALL		668802.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	9.36E-03
1375	ALL		668922.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	9.21E-03
1548	ALL		669122.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	9.17E-03
1590	ALL		669002.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	9.15E-03
1059	ALL		668782.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	9.07E-03
1027	ALL		668762.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	8.80E-03
999	ALL		668742.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	8.47E-03
1591	ALL		669142.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	8.46E-03
742	ALL		668662.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.36E-03
1505	ALL		668962.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	8.34E-03
765	ALL		668682.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.26E-03
1724	ALL		669042.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	8.22E-03
787	ALL		668702.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	8.15E-03
975	ALL		668722.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	8.15E-03
1419	ALL		669082.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	8.14E-03
1212	ALL		669002.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	7.98E-03
1461	ALL		668942.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	7.97E-03
1635	ALL		669162.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	7.90E-03
903	ALL		668671.5	4343883	NonCancerChronicDerived_InhSoilDermMMilk	7.77E-03
1462	ALL		669102.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	7.73E-03
1417	ALL		668922.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	7.68E-03
1254	ALL		669022.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	7.60E-03
1680	ALL		669182.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	7.46E-03
1093	ALL		668782.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	7.44E-03
1589	ALL		668982.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	7.37E-03
1506	ALL		669122.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	7.31E-03
1726	ALL		669202.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	7.24E-03
1058	ALL		668762.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	7.23E-03
1295	ALL		669042.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	7.13E-03
1547	ALL		668962.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	7.09E-03
1026	ALL		668742.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-03
842	ALL		668602.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	6.84E-03
1504	ALL		668942.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	6.83E-03
1549	ALL		669142.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	6.82E-03
1723	ALL		669022.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	6.74E-03
1334	ALL		669062.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	6.73E-03
998	ALL		668722.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	6.61E-03
1460	ALL		668922.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	6.61E-03
802	ALL		668562.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	6.59E-03
743	ALL		668682.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.57E-03
1678	ALL		669002.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	6.55E-03
1376	ALL		669082.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	6.49E-03
766	ALL		668702.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	6.49E-03
1592	ALL		669162.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	6.44E-03
788	ALL		668722.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	6.44E-03
1634	ALL		668982.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	6.38E-03
1130	ALL		668782.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	6.37E-03
1420	ALL		669102.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	6.22E-03
1213	ALL		669022.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	6.20E-03
1092	ALL		668762.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	6.18E-03
1636	ALL		669182.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	6.09E-03
1463	ALL		669122.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	6.02E-03
1057	ALL		668742.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	6.00E-03
1546	ALL		668942.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	5.99E-03
952	ALL		668682.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	5.92E-03
1681	ALL		669202.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	5.92E-03
1255	ALL		669042.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	5.88E-03
1727	ALL		669222.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	5.85E-03
1503	ALL		668922.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	5.80E-03
1025	ALL		668722.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	5.72E-03
1722	ALL		669002.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	5.70E-03
1211	ALL		668802.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	5.69E-03
1507	ALL		669142.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	5.67E-03
1677	ALL		668982.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	5.59E-03
1170	ALL		668782.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	5.58E-03
841	ALL		668582.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	5.52E-03
821	ALL		668562.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	5.50E-03
1296	ALL		669062.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	5.49E-03
719	ALL		668682.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	5.49E-03
1633	ALL		668962.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	5.45E-03
1129	ALL		668762.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	5.43E-03
744	ALL		668702.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	5.42E-03
1550	ALL		669162.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	5.42E-03
767	ALL		668722.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	5.36E-03
1335	ALL		669082.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-03
860	ALL		668822.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-03
1091	ALL		668742.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	5.29E-03
879	ALL		668842.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	5.26E-03
1333	ALL		668842.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	5.25E-03
1171	ALL		669022.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	5.23E-03
1593	ALL		669182.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	5.18E-03
974	ALL		668682.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	5.12E-03
1056	ALL		668722.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	5.11E-03
1253	ALL		668802.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	5.07E-03
1377	ALL		669102.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-03
1210	ALL		668782.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	4.98E-03
1637	ALL		669202.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.96E-03
1721	ALL		668982.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-03
1214	ALL		669042.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	4.93E-03
1421	ALL		669122.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.92E-03
1728	ALL		669242.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.92E-03
1682	ALL		669222.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.90E-03
1169	ALL		668762.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.88E-03
1676	ALL		668962.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.87E-03
951	ALL		668662.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	4.83E-03

1416	ALL	668862.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.83E-03
441	ALL	668542.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	4.82E-03
1464	ALL	669142.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	4.81E-03
1632	ALL	668942.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.78E-03
485	ALL	668562.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	4.77E-03
1374	ALL	668842.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.74E-03
1128	ALL	668742.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	4.74E-03
720	ALL	668702.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	4.68E-03
840	ALL	668562.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	4.63E-03
1090	ALL	668722.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-03
1508	ALL	669162.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-03
745	ALL	668722.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	4.61E-03
1256	ALL	669062.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	4.61E-03
820	ALL	668542.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	4.61E-03
904	ALL	668882.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	4.57E-03
843	ALL	668822.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	4.56E-03
926	ALL	668902.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	4.56E-03
880	ALL	668862.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	4.54E-03
1252	ALL	668782.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	4.50E-03
1502	ALL	668882.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	4.48E-03
1551	ALL	669182.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	4.47E-03
1209	ALL	668762.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	4.42E-03
1055	ALL	668702.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	4.42E-03
1459	ALL	668862.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	4.38E-03
1720	ALL	668962.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.38E-03
1297	ALL	669082.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	4.37E-03
973	ALL	668662.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	4.36E-03
1168	ALL	668742.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.32E-03
1675	ALL	668942.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.31E-03
1415	ALL	668842.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.31E-03
1594	ALL	669202.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	4.30E-03
1172	ALL	669042.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	4.27E-03
1336	ALL	669102.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	4.25E-03
1631	ALL	668922.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.25E-03
1729	ALL	669262.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	4.24E-03
1373	ALL	668822.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.23E-03
1683	ALL	669242.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	4.20E-03
1127	ALL	668722.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	4.20E-03
1638	ALL	669222.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	4.16E-03
398	ALL	668542.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	4.16E-03
1588	ALL	668902.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	4.16E-03
442	ALL	668562.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	4.12E-03
1378	ALL	669122.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	4.10E-03
1089	ALL	668702.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	4.10E-03
1293	ALL	668782.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	4.10E-03
1545	ALL	668882.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	4.09E-03
486	ALL	668582.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	4.09E-03
721	ALL	668722.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	4.07E-03
1422	ALL	669142.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	4.06E-03
997	ALL	668662.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	4.04E-03
1251	ALL	668762.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	4.03E-03
905	ALL	668902.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	4.03E-03
746	ALL	668742.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	4.03E-03
859	ALL	668562.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	4.02E-03
902	ALL	668602.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	4.01E-03
1501	ALL	668862.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	4.01E-03
927	ALL	668922.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	4.01E-03
839	ALL	668542.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	4.01E-03
844	ALL	668842.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	4.01E-03
1465	ALL	669162.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.99E-03
1215	ALL	669062.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.99E-03
861	ALL	668862.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.98E-03
1208	ALL	668742.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.97E-03
1054	ALL	668682.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	3.95E-03
1458	ALL	668842.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.94E-03
1719	ALL	668942.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.92E-03
976	ALL	668962.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	3.91E-03
1414	ALL	668822.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.88E-03
1167	ALL	668722.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.88E-03
1509	ALL	669182.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.87E-03
1674	ALL	668922.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.87E-03
1630	ALL	668902.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.82E-03
1372	ALL	668802.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.81E-03
972	ALL	668642.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	3.81E-03
1126	ALL	668702.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.78E-03
1132	ALL	669042.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.77E-03
1552	ALL	669202.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.76E-03
1587	ALL	668882.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.75E-03
1730	ALL	669282.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.73E-03
1684	ALL	669262.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.71E-03
1088	ALL	668682.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.71E-03
1292	ALL	668762.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.70E-03
1544	ALL	668862.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.69E-03
1595	ALL	669222.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.68E-03
1257	ALL	669082.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.68E-03
901	ALL	668582.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.66E-03
1250	ALL	668742.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.65E-03
355	ALL	668542.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	3.65E-03
687	ALL	668722.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	3.63E-03
399	ALL	668562.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	3.63E-03
1500	ALL	668842.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.63E-03
1639	ALL	669242.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.63E-03
312	ALL	668522.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	3.63E-03
996	ALL	668642.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	3.62E-03
878	ALL	668562.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.62E-03
570	ALL	668642.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	3.62E-03
443	ALL	668582.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	3.60E-03
1298	ALL	669102.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.60E-03
722	ALL	668742.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	3.60E-03
1207	ALL	668722.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.60E-03
925	ALL	668602.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.59E-03
881	ALL	668902.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.59E-03
487	ALL	668602.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	3.59E-03
822	ALL	668842.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	3.58E-03
747	ALL	668762.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	3.58E-03

906	ALL	668922.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.58E-03
858	ALL	668542.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.57E-03
1457	ALL	668822.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.57E-03
862	ALL	668882.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.56E-03
1173	ALL	669062.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.55E-03
928	ALL	668942.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.55E-03
838	ALL	668522.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	3.55E-03
1718	ALL	668922.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.55E-03
1337	ALL	669122.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.52E-03
1166	ALL	668702.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.52E-03
1413	ALL	668802.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.52E-03
1024	ALL	668642.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	3.51E-03
1673	ALL	668902.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.51E-03
953	ALL	668962.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.50E-03
1629	ALL	668882.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.47E-03
1371	ALL	668782.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.47E-03
1423	ALL	669162.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.46E-03
1379	ALL	669142.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.45E-03
1125	ALL	668682.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.45E-03
977	ALL	668982.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	3.44E-03
1586	ALL	668862.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-03
1332	ALL	668762.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-03
1466	ALL	669182.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.40E-03
1087	ALL	668662.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.39E-03
924	ALL	668582.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.37E-03
1291	ALL	668742.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.36E-03
1543	ALL	668842.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.36E-03
950	ALL	668602.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.36E-03
900	ALL	668562.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.35E-03
1000	ALL	669002.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	3.35E-03
1731	ALL	669302.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-03
1685	ALL	669282.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-03
1249	ALL	668722.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-03
1053	ALL	668642.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	3.32E-03
1499	ALL	668822.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.31E-03
1216	ALL	669082.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.29E-03
1510	ALL	669202.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.29E-03
1640	ALL	669262.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.28E-03
1206	ALL	668702.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.28E-03
877	ALL	668542.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.28E-03
1456	ALL	668802.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	3.26E-03
1553	ALL	669222.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.26E-03
571	ALL	668662.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	3.25E-03
688	ALL	668742.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	3.25E-03
1596	ALL	669242.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.25E-03
857	ALL	668522.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	3.24E-03
529	ALL	668642.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	3.24E-03
1023	ALL	668622.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	3.24E-03
1717	ALL	668902.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	3.24E-03
356	ALL	668562.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-03
723	ALL	668762.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-03
1133	ALL	669062.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-03
882	ALL	668922.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-03
313	ALL	668542.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	3.22E-03
1165	ALL	668682.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.22E-03
1412	ALL	668782.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.21E-03
1672	ALL	668882.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-03
845	ALL	668882.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-03
949	ALL	668582.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.17E-03
1628	ALL	668862.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	3.17E-03
1370	ALL	668762.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.17E-03
929	ALL	668962.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.16E-03
1124	ALL	668662.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	3.16E-03
923	ALL	668562.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	3.14E-03
1585	ALL	668842.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-03
1258	ALL	669102.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.12E-03
1331	ALL	668742.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.12E-03
954	ALL	668982.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	3.11E-03
1086	ALL	668642.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	3.09E-03
1542	ALL	668822.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	3.08E-03
1290	ALL	668722.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.08E-03
899	ALL	668542.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	3.07E-03
1299	ALL	669122.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	3.06E-03
1174	ALL	669082.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	3.06E-03
978	ALL	669002.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	3.05E-03
1248	ALL	668702.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	3.05E-03
1498	ALL	668802.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-03
1052	ALL	668622.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	3.03E-03
1424	ALL	669182.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-03
1686	ALL	669302.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-03
1380	ALL	669162.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-03
1338	ALL	669142.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-03
876	ALL	668522.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	3.01E-03
1205	ALL	668682.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	3.01E-03
1641	ALL	669282.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.99E-03
1455	ALL	668782.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.99E-03
1732	ALL	669322.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.99E-03
1716	ALL	668882.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-03
1467	ALL	669202.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-03
948	ALL	668562.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.96E-03
856	ALL	668502.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	2.95E-03
1164	ALL	668662.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.95E-03
572	ALL	668682.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.95E-03
1411	ALL	668762.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.95E-03
1671	ALL	668862.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.95E-03
689	ALL	668762.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.94E-03
1597	ALL	669262.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.94E-03
530	ALL	668662.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.94E-03
803	ALL	668862.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	2.94E-03
724	ALL	668782.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	2.93E-03
846	ALL	668902.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
488	ALL	668642.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
1627	ALL	668842.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
1369	ALL	668742.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.91E-03
1554	ALL	669242.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.91E-03

922	ALL	668542.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.90E-03
1123	ALL	668642.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.89E-03
1584	ALL	668822.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-03
1511	ALL	669222.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-03
1134	ALL	669082.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-03
1330	ALL	668722.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.86E-03
898	ALL	668522.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-03
1541	ALL	668802.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-03
1217	ALL	669102.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-03
1289	ALL	668702.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-03
930	ALL	668982.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-03
1085	ALL	668622.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-03
1247	ALL	668682.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-03
1497	ALL	668782.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.80E-03
955	ALL	669002.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.79E-03
875	ALL	668502.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.78E-03
1051	ALL	668602.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.78E-03
1204	ALL	668662.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-03
1687	ALL	669322.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
1454	ALL	668762.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-03
1642	ALL	669302.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-03
1715	ALL	668862.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-03
947	ALL	668542.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-03
1670	ALL	668842.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-03
1410	ALL	668742.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.72E-03
1598	ALL	669282.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-03
1163	ALL	668642.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-03
1259	ALL	669122.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-03
1733	ALL	669342.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-03
573	ALL	668702.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-03
1425	ALL	669202.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-03
1381	ALL	669182.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03
531	ALL	668682.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03
1626	ALL	668822.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03
789	ALL	668862.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03
690	ALL	668782.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03
1368	ALL	668722.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03
921	ALL	668522.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03
725	ALL	668802.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	2.68E-03
823	ALL	668902.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	2.68E-03
489	ALL	668662.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.67E-03
1555	ALL	669262.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.67E-03
1175	ALL	669102.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.67E-03
1339	ALL	669162.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.67E-03
1583	ALL	668802.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-03
1300	ALL	669142.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-03
1122	ALL	668622.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.65E-03
1329	ALL	668702.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.64E-03
444	ALL	668642.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.64E-03
897	ALL	668502.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.64E-03
1540	ALL	668782.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-03
1468	ALL	669222.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-03
1288	ALL	668682.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-03
1512	ALL	669242.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-03
1084	ALL	668602.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.60E-03
1246	ALL	668662.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
1496	ALL	668762.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
971	ALL	668542.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
874	ALL	668482.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
819	ALL	668442.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
1714	ALL	668842.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.56E-03
1203	ALL	668642.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.56E-03
1453	ALL	668742.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
1050	ALL	668582.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
1135	ALL	669102.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-03
1643	ALL	669322.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-03
946	ALL	668522.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-03
1669	ALL	668822.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-03
1409	ALL	668722.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
1599	ALL	669302.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
1688	ALL	669342.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
1218	ALL	669122.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-03
920	ALL	668502.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-03
1162	ALL	668622.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-03
1625	ALL	668802.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-03
1556	ALL	669282.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.49E-03
574	ALL	668722.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.49E-03
790	ALL	668882.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	2.49E-03
532	ALL	668702.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-03
1367	ALL	668702.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-03
824	ALL	668922.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-03
691	ALL	668802.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-03
1582	ALL	668782.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-03
490	ALL	668682.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-03
896	ALL	668482.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-03
1734	ALL	669362.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-03
1382	ALL	669202.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-03
995	ALL	668542.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-03
1328	ALL	668682.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-03
1513	ALL	669262.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-03
1539	ALL	668762.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-03
1121	ALL	668602.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-03
445	ALL	668662.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-03
837	ALL	668442.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-03
1426	ALL	669222.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-03
1287	ALL	668662.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-03
400	ALL	668642.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-03
1495	ALL	668742.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-03
1245	ALL	668642.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
1469	ALL	669242.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
970	ALL	668522.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
1340	ALL	669182.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
1001	ALL	669062.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
873	ALL	668462.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-03
1083	ALL	668582.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-03

1713	ALL	668822.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
1260	ALL	669142.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
1176	ALL	669122.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
1301	ALL	669162.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
1452	ALL	668722.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-03
945	ALL	668502.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-03
1202	ALL	668622.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-03
1668	ALL	668802.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-03
1644	ALL	669342.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-03
919	ALL	668482.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-03
1049	ALL	668562.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-03
1408	ALL	668702.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-03
1600	ALL	669322.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-03
1624	ALL	668782.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
1557	ALL	669302.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
855	ALL	668442.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
1022	ALL	668542.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
1514	ALL	669282.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
1581	ALL	668762.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
1161	ALL	668602.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
768	ALL	668882.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
1689	ALL	669362.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-03
692	ALL	668822.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
1366	ALL	668682.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
895	ALL	668462.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
575	ALL	668742.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
533	ALL	668722.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
491	ALL	668702.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-03
1136	ALL	669122.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-03
1538	ALL	668742.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
1327	ALL	668662.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
446	ALL	668682.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03
994	ALL	668522.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03
55	ALL	668482.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-03
1470	ALL	669262.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-03
1286	ALL	668642.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-03
1494	ALL	668722.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1120	ALL	668582.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1219	ALL	669142.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1735	ALL	669382.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
401	ALL	668662.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
1383	ALL	669222.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-03
969	ALL	668502.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-03
1427	ALL	669242.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-03
944	ALL	668482.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-03
357	ALL	668642.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
1244	ALL	668622.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
1712	ALL	668802.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
872	ALL	668442.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
1096	ALL	669122.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
1451	ALL	668702.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
1002	ALL	669082.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
1082	ALL	668562.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-03
918	ALL	668462.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
1667	ALL	668782.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
1601	ALL	669342.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-03
1407	ALL	668682.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-03
1048	ALL	668542.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-03
1201	ALL	668602.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-03
1623	ALL	668762.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-03
1558	ALL	669322.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-03
1341	ALL	669202.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1515	ALL	669302.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1645	ALL	669362.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
1177	ALL	669142.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
1580	ALL	668742.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
693	ALL	668842.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
1471	ALL	669282.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-03
665	ALL	668822.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
1021	ALL	668522.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
1261	ALL	669162.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
1302	ALL	669182.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
894	ALL	668442.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
1365	ALL	668662.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
576	ALL	668762.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
1537	ALL	668722.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
534	ALL	668742.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-03
1160	ALL	668582.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
492	ALL	668722.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
993	ALL	668502.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
968	ALL	668482.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
1326	ALL	668642.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
104	ALL	668522.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
1690	ALL	669382.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
447	ALL	668702.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
943	ALL	668462.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-03
1493	ALL	668702.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-03
1428	ALL	669262.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-03
1119	ALL	668562.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1285	ALL	668622.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
402	ALL	668682.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1137	ALL	669142.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
1711	ALL	668782.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-03
1384	ALL	669242.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-03
56	ALL	668502.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
358	ALL	668662.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
1450	ALL	668682.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
1081	ALL	668542.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
1243	ALL	668602.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
314	ALL	668642.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
917	ALL	668442.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
1666	ALL	668762.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
1736	ALL	669402.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
1097	ALL	669142.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-03
1220	ALL	669162.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03

1622	ALL	668742.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1559	ALL	669342.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1047	ALL	668522.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1602	ALL	669362.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
1406	ALL	668662.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1472	ALL	669302.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1516	ALL	669322.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-03
1579	ALL	668722.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
1200	ALL	668582.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
1020	ALL	668502.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
666	ALL	668842.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
992	ALL	668482.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
643	ALL	668822.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
694	ALL	668862.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
967	ALL	668462.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
1429	ALL	669282.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
1342	ALL	669222.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
577	ALL	668782.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
1536	ALL	668702.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
1646	ALL	669382.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
535	ALL	668762.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
1364	ALL	668642.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
1159	ALL	668562.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
942	ALL	668442.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
493	ALL	668742.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
448	ALL	668722.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03
791	ALL	668942.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
1492	ALL	668682.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
1178	ALL	669162.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
1325	ALL	668622.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
1118	ALL	668542.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
1385	ALL	669262.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
403	ALL	668702.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
1710	ALL	668762.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
105	ALL	668542.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-03
931	ALL	669062.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
1080	ALL	668522.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
1691	ALL	669402.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
1284	ALL	668602.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
1262	ALL	669182.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-03
1303	ALL	669202.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
1449	ALL	668662.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
359	ALL	668682.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
1665	ALL	668742.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
315	ALL	668662.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
1046	ALL	668502.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03
1560	ALL	669362.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
57	ALL	668522.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
1621	ALL	668722.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
1138	ALL	669162.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
1019	ALL	668482.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
1242	ALL	668582.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-03
1517	ALL	669342.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
271	ALL	668642.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
991	ALL	668462.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1473	ALL	669322.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-03
1430	ALL	669302.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
1578	ALL	668702.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
1098	ALL	669162.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
966	ALL	668442.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1737	ALL	669422.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1405	ALL	668642.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
644	ALL	668842.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1343	ALL	669242.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
667	ALL	668862.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
611	ALL	668822.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1199	ALL	668562.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1603	ALL	669382.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
578	ALL	668802.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
695	ALL	668882.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
1535	ALL	668682.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-03
536	ALL	668782.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
1158	ALL	668542.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
1386	ALL	669282.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
494	ALL	668762.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
1117	ALL	668522.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
1363	ALL	668622.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
1221	ALL	669182.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
1491	ALL	668662.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
449	ALL	668742.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1647	ALL	669402.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1079	ALL	668502.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
1709	ALL	668742.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-03
404	ALL	668722.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
1324	ALL	668602.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
1045	ALL	668482.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
1344	ALL	669262.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
932	ALL	669082.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1061	ALL	669162.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1664	ALL	668722.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
825	ALL	668982.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
360	ALL	668702.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1018	ALL	668462.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1283	ALL	668582.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
316	ALL	668682.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1448	ALL	668642.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
990	ALL	668442.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
1518	ALL	669362.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
1304	ALL	669222.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
1620	ALL	668702.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
1474	ALL	669342.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03
1241	ALL	668562.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
1692	ALL	669422.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
1179	ALL	669182.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03
272	ALL	668662.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-03

1431	ALL	669322.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1561	ALL	669382.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
58	ALL	668542.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1577	ALL	668682.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
1198	ALL	668542.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
612	ALL	668842.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
804	ALL	668982.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
579	ALL	668822.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
645	ALL	668862.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
230	ALL	668642.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1387	ALL	669302.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
537	ALL	668802.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
1263	ALL	669202.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03
668	ALL	668882.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1157	ALL	668522.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1404	ALL	668622.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1534	ALL	668662.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1116	ALL	668502.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
495	ALL	668782.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1078	ALL	668482.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1139	ALL	669182.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1362	ALL	668602.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1604	ALL	669402.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
1738	ALL	669442.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
1044	ALL	668462.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
450	ALL	668762.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
1099	ALL	669182.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1345	ALL	669282.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1708	ALL	668722.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1490	ALL	668642.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1323	ALL	668582.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
405	ALL	668742.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1017	ALL	668442.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1663	ALL	668702.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
361	ALL	668722.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03
1305	ALL	669242.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1282	ALL	668562.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
317	ALL	668702.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1648	ALL	669422.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1240	ALL	668542.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
1519	ALL	669382.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
1475	ALL	669362.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
1619	ALL	668682.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
273	ALL	668682.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1447	ALL	668622.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1432	ALL	669342.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1197	ALL	668522.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
1062	ALL	669182.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1576	ALL	668662.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
1156	ALL	668502.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
580	ALL	668842.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1306	ALL	669262.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
538	ALL	668822.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
613	ALL	668862.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1115	ALL	668482.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1403	ALL	668602.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1222	ALL	669202.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
231	ALL	668662.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
496	ALL	668802.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1388	ALL	669322.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
59	ALL	668562.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
646	ALL	668882.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-03
1562	ALL	669402.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
1077	ALL	668462.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
669	ALL	668902.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
1693	ALL	669442.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
1533	ALL	668642.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
1361	ALL	668582.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03
1043	ALL	668442.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
189	ALL	668642.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
1264	ALL	669222.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
451	ALL	668782.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1346	ALL	669302.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1707	ALL	668702.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1322	ALL	668562.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
805	ALL	669002.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
406	ALL	668762.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1489	ALL	668622.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1605	ALL	669422.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
1281	ALL	668542.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
362	ALL	668742.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
1662	ALL	668682.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
1180	ALL	669202.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
1029	ALL	669182.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
769	ALL	668982.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
318	ALL	668722.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-03
1239	ALL	668522.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
274	ALL	668702.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-03
1618	ALL	668662.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1196	ALL	668502.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1476	ALL	669382.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1433	ALL	669362.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1307	ALL	669282.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1446	ALL	668602.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1155	ALL	668482.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-03
1140	ALL	669202.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1649	ALL	669442.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1114	ALL	668462.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
232	ALL	668682.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1520	ALL	669402.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1575	ALL	668642.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1402	ALL	668582.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-03
1389	ALL	669342.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
497	ALL	668822.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
539	ALL	668842.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03

1076	ALL	668442.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
1100	ALL	669202.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-03
614	ALL	668882.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
581	ALL	668862.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
1360	ALL	668562.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
647	ALL	668902.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
452	ALL	668802.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
60	ALL	668582.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
1265	ALL	669242.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
1532	ALL	668622.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
190	ALL	668662.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
670	ALL	668922.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
1321	ALL	668542.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
1347	ALL	669322.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-03
1563	ALL	669422.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1706	ALL	668682.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1003	ALL	669182.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
407	ALL	668782.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1280	ALL	668522.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-03
1223	ALL	669222.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
883	ALL	669082.7	4343856	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
726	ALL	668962.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
148	ALL	668642.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
363	ALL	668762.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1488	ALL	668602.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
748	ALL	668982.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1063	ALL	669202.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1661	ALL	668662.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1238	ALL	668502.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03
1195	ALL	668482.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
319	ALL	668742.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
770	ALL	669002.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
1266	ALL	669262.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
275	ALL	668722.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1606	ALL	669442.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1154	ALL	668462.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1617	ALL	668642.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1445	ALL	668582.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1308	ALL	669302.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1113	ALL	668442.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
1434	ALL	669382.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
106	ALL	668622.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
233	ALL	668702.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
806	ALL	669022.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
1401	ALL	668562.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-03
1390	ALL	669362.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1574	ALL	668622.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1477	ALL	669402.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1181	ALL	669222.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
453	ALL	668822.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1359	ALL	668542.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
498	ALL	668842.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1030	ALL	669202.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
191	ALL	668682.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1521	ALL	669422.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1320	ALL	668522.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
61	ALL	668602.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
615	ALL	668902.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1531	ALL	668602.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
408	ALL	668802.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
540	ALL	668862.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
648	ALL	668922.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
582	ALL	668882.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1141	ALL	669222.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1279	ALL	668502.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1705	ALL	668662.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1237	ALL	668482.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
696	ALL	668962.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1267	ALL	669282.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
149	ALL	668662.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
727	ALL	668982.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1348	ALL	669342.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
364	ALL	668782.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
749	ALL	669002.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1194	ALL	668462.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1487	ALL	668582.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1660	ALL	668642.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1224	ALL	669242.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1101	ALL	669222.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1564	ALL	669442.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
1153	ALL	668442.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
320	ALL	668762.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1444	ALL	668562.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
1616	ALL	668622.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
276	ALL	668742.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1004	ALL	669202.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1309	ALL	669322.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
107	ALL	668642.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
234	ALL	668722.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1400	ALL	668542.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03
1391	ALL	669382.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1573	ALL	668602.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1358	ALL	668522.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1435	ALL	669402.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1064	ALL	669222.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
454	ALL	668842.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
192	ALL	668702.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1319	ALL	668502.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
409	ALL	668822.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-03
1478	ALL	669422.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1278	ALL	668482.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1530	ALL	668582.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1225	ALL	669262.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
62	ALL	668622.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
1182	ALL	669242.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03

1236	ALL	668462.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
616	ALL	668922.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
499	ALL	668862.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1704	ALL	668642.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
365	ALL	668802.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
583	ALL	668902.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1268	ALL	669302.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
150	ALL	668682.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
1193	ALL	668442.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
697	ALL	668982.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1522	ALL	669442.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
541	ALL	668882.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1486	ALL	668562.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1349	ALL	669362.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1659	ALL	668622.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
1031	ALL	669222.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
321	ALL	668782.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
1443	ALL	668542.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
1142	ALL	669242.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-03
108	ALL	668662.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1615	ALL	668602.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1399	ALL	668522.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
771	ALL	669042.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
277	ALL	668762.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1357	ALL	668502.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
235	ALL	668742.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
1318	ALL	668482.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
1226	ALL	669282.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
1572	ALL	668582.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
193	ALL	668722.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-03
1392	ALL	669402.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1102	ALL	669242.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
410	ALL	668842.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1277	ALL	668462.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1310	ALL	669342.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
826	ALL	669062.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1436	ALL	669422.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
455	ALL	668862.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
907	ALL	669182.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1235	ALL	668442.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
1529	ALL	668562.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
366	ALL	668822.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
807	ALL	669062.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
63	ALL	668642.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
1005	ALL	669222.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-03
151	ALL	668702.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1183	ALL	669262.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1350	ALL	669382.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1479	ALL	669442.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
617	ALL	668942.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1703	ALL	668622.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
584	ALL	668922.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
698	ALL	669002.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1269	ALL	669322.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
1485	ALL	668542.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
542	ALL	668902.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1065	ALL	669242.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
322	ALL	668802.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
750	ALL	669042.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
500	ALL	668882.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1658	ALL	668602.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1442	ALL	668522.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1398	ALL	668502.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
109	ALL	668682.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
1227	ALL	669302.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
1356	ALL	668482.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
1614	ALL	668582.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03
278	ALL	668782.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
772	ALL	669062.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1317	ALL	668462.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
236	ALL	668762.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1184	ALL	669282.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
1571	ALL	668562.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1276	ALL	668442.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
411	ALL	668862.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
194	ALL	668742.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1032	ALL	669242.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1393	ALL	669422.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1143	ALL	669262.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1311	ALL	669362.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
367	ALL	668842.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
1528	ALL	668542.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
1351	ALL	669402.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
1437	ALL	669442.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
618	ALL	668962.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
152	ALL	668722.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03
64	ALL	668662.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
456	ALL	668882.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
585	ALL	668942.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
908	ALL	669202.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
323	ALL	668822.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
699	ALL	669022.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1103	ALL	669262.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1702	ALL	668602.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
543	ALL	668922.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
1484	ALL	668522.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
728	ALL	669042.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
751	ALL	669062.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1441	ALL	668502.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
501	ALL	668902.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1185	ALL	669302.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1657	ALL	668582.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1397	ALL	668482.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1228	ALL	669322.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1312	ALL	669382.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03

1144	ALL	669282.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1355	ALL	668462.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
279	ALL	668802.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
110	ALL	668702.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1270	ALL	669342.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1613	ALL	668562.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1316	ALL	668442.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-03
1006	ALL	669242.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
773	ALL	669082.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1066	ALL	669262.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
237	ALL	668782.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1570	ALL	668542.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
884	ALL	669202.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
368	ALL	668862.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
412	ALL	668882.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
195	ALL	668762.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
1145	ALL	669302.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
619	ALL	668982.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
1186	ALL	669322.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
586	ALL	668962.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
1394	ALL	669442.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
1527	ALL	668522.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
1352	ALL	669422.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
544	ALL	668942.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
324	ALL	668842.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
65	ALL	668682.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
457	ALL	668902.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
153	ALL	668742.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
1104	ALL	669282.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
1483	ALL	668502.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
502	ALL	668922.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
729	ALL	669062.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1313	ALL	669402.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1701	ALL	668582.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1440	ALL	668482.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
979	ALL	669242.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
752	ALL	669082.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1396	ALL	668462.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1229	ALL	669342.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1271	ALL	669362.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
280	ALL	668822.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1656	ALL	668562.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1354	ALL	668442.3	4344161	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
111	ALL	668722.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1033	ALL	669262.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
827	ALL	669162.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1146	ALL	669322.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
1612	ALL	668542.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1187	ALL	669342.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1272	ALL	669382.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
238	ALL	668802.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1569	ALL	668522.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
587	ALL	668982.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
369	ALL	668882.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
545	ALL	668962.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
620	ALL	669002.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
196	ALL	668782.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
413	ALL	668902.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1526	ALL	668502.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1067	ALL	669282.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1105	ALL	669302.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
458	ALL	668922.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
503	ALL	668942.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1147	ALL	669342.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1230	ALL	669362.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
325	ALL	668862.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
66	ALL	668702.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1353	ALL	669442.3	4344141	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1314	ALL	669422.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
1482	ALL	668482.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03
700	ALL	669062.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1439	ALL	668462.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
730	ALL	669082.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
154	ALL	668762.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1007	ALL	669262.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1188	ALL	669362.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
885	ALL	669222.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1395	ALL	668442.3	4344181	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1700	ALL	668562.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
281	ALL	668842.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
828	ALL	669182.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1273	ALL	669402.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
1655	ALL	668542.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
792	ALL	669142.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1231	ALL	669382.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
112	ALL	668742.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
239	ALL	668822.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1148	ALL	669362.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1611	ALL	668522.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1106	ALL	669322.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1568	ALL	668502.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
1189	ALL	669382.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
546	ALL	668982.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
504	ALL	668962.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
588	ALL	669002.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
67	ALL	668722.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
1034	ALL	669282.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
459	ALL	668942.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
197	ALL	668802.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
414	ALL	668922.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
621	ALL	669022.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
370	ALL	668902.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
1525	ALL	668482.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
980	ALL	669262.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
326	ALL	668882.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03

1315	ALL	669442.3	4344121	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1481	ALL	668462.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
863	ALL	669222.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1274	ALL	669422.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1232	ALL	669402.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1438	ALL	668442.3	4344201	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
1068	ALL	669302.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
701	ALL	669082.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
155	ALL	668782.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
282	ALL	668862.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
1149	ALL	669382.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
1107	ALL	669342.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
1699	ALL	668542.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
1654	ALL	668522.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
1190	ALL	669402.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
113	ALL	668762.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
240	ALL	668842.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
1610	ALL	668502.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
956	ALL	669262.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1567	ALL	668482.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
547	ALL	669002.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
505	ALL	668982.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1008	ALL	669282.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
460	ALL	668962.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
589	ALL	669022.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1233	ALL	669422.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
68	ALL	668742.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
198	ALL	668822.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
415	ALL	668942.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1108	ALL	669362.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1275	ALL	669442.3	4344101	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1524	ALL	668462.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
622	ALL	669042.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
371	ALL	668922.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1480	ALL	668442.3	4344221	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
327	ALL	668902.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1150	ALL	669402.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1069	ALL	669322.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
156	ALL	668802.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
283	ALL	668882.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
774	ALL	669162.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
1035	ALL	669302.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
1698	ALL	668522.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
808	ALL	669202.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
1191	ALL	669422.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
1653	ALL	668502.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
1109	ALL	669382.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
241	ALL	668862.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
114	ALL	668782.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
1609	ALL	668482.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
981	ALL	669282.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
1234	ALL	669442.3	4344081	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
1566	ALL	668462.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
548	ALL	669022.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
506	ALL	669002.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
590	ALL	669042.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
199	ALL	668842.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
461	ALL	668982.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
1070	ALL	669342.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
1523	ALL	668442.3	4344241	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
69	ALL	668762.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
416	ALL	668962.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
623	ALL	669062.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
372	ALL	668942.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
328	ALL	668922.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
1151	ALL	669422.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
157	ALL	668822.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
1110	ALL	669402.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
753	ALL	669162.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
284	ALL	668902.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
702	ALL	669122.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
775	ALL	669182.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
1009	ALL	669302.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
957	ALL	669282.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
1697	ALL	668502.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
1071	ALL	669362.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
1652	ALL	668482.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
242	ALL	668882.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
809	ALL	669222.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
1192	ALL	669442.3	4344061	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
115	ALL	668802.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
1608	ALL	668462.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
1036	ALL	669322.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
1565	ALL	668442.3	4344261	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
933	ALL	669282.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
200	ALL	668862.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
549	ALL	669042.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
591	ALL	669062.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
507	ALL	669022.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
462	ALL	669002.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
70	ALL	668782.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
624	ALL	669082.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
417	ALL	668982.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
373	ALL	668962.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
1072	ALL	669382.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
329	ALL	668942.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
982	ALL	669302.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
158	ALL	668842.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
1111	ALL	669422.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
703	ALL	669142.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
285	ALL	668922.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
1152	ALL	669442.3	4344041	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
1010	ALL	669322.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
1696	ALL	668482.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
243	ALL	668902.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03

1037	ALL	669342.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
1651	ALL	668462.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
116	ALL	668822.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
1607	ALL	668442.3	4344281	NonCancerChronicDerived_InhSoilDermMMilk	9.97E-04
1073	ALL	669402.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	9.95E-04
201	ALL	668882.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.93E-04
550	ALL	669062.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.91E-04
508	ALL	669042.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	9.90E-04
592	ALL	669082.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	9.90E-04
463	ALL	669022.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	9.88E-04
958	ALL	669302.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	9.88E-04
71	ALL	668802.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	9.87E-04
625	ALL	669102.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	9.87E-04
418	ALL	669002.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.85E-04
159	ALL	668862.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.81E-04
374	ALL	668982.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	9.80E-04
1038	ALL	669362.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	9.79E-04
671	ALL	669142.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	9.79E-04
704	ALL	669162.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	9.77E-04
330	ALL	668962.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	9.77E-04
286	ALL	668942.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	9.73E-04
983	ALL	669322.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	9.73E-04
1112	ALL	669442.3	4344021	NonCancerChronicDerived_InhSoilDermMMilk	9.72E-04
934	ALL	669302.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	9.72E-04
1011	ALL	669342.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	9.72E-04
1695	ALL	668462.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	9.71E-04
244	ALL	668922.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	9.67E-04
117	ALL	668842.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.66E-04
1650	ALL	668442.3	4344301	NonCancerChronicDerived_InhSoilDermMMilk	9.66E-04
1074	ALL	669422.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	9.65E-04
909	ALL	669302.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	9.60E-04
202	ALL	668902.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.59E-04
1039	ALL	669382.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	9.58E-04
551	ALL	669082.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.56E-04
593	ALL	669102.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	9.55E-04
509	ALL	669062.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	9.55E-04
464	ALL	669042.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	9.53E-04
626	ALL	669122.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	9.53E-04
72	ALL	668822.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	9.52E-04
419	ALL	669022.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.50E-04
649	ALL	669142.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	9.49E-04
160	ALL	668882.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.48E-04
672	ALL	669162.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	9.48E-04
705	ALL	669182.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	9.45E-04
375	ALL	669002.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	9.44E-04
886	ALL	669302.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	9.44E-04
1012	ALL	669362.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	9.43E-04
959	ALL	669322.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	9.43E-04
984	ALL	669342.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	9.40E-04
331	ALL	668982.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	9.39E-04
1694	ALL	668442.3	4344321	NonCancerChronicDerived_InhSoilDermMMilk	9.37E-04
1040	ALL	669402.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	9.37E-04
287	ALL	668962.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	9.37E-04
118	ALL	668862.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.35E-04
245	ALL	668942.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	9.33E-04
776	ALL	669242.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	9.31E-04
1075	ALL	669442.3	4344001	NonCancerChronicDerived_InhSoilDermMMilk	9.30E-04
935	ALL	669322.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	9.30E-04
203	ALL	668922.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	9.26E-04
552	ALL	669102.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	9.23E-04
594	ALL	669122.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	9.23E-04
910	ALL	669322.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	9.22E-04
510	ALL	669082.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	9.22E-04
627	ALL	669142.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	9.21E-04
465	ALL	669062.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	9.20E-04
864	ALL	669302.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	9.20E-04
73	ALL	668842.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	9.20E-04
1013	ALL	669382.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	9.19E-04
650	ALL	669162.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	9.18E-04
420	ALL	669042.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	9.17E-04
673	ALL	669182.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	9.17E-04
161	ALL	668902.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	9.16E-04
706	ALL	669202.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	9.15E-04
985	ALL	669362.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	9.14E-04
960	ALL	669342.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	9.13E-04
1041	ALL	669422.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	9.12E-04
376	ALL	669022.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	9.12E-04
887	ALL	669322.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	9.12E-04
936	ALL	669342.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	9.09E-04
119	ALL	668882.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	9.06E-04
332	ALL	669002.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	9.05E-04
911	ALL	669342.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	9.02E-04
288	ALL	668982.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	9.02E-04
1014	ALL	669402.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	9.00E-04
246	ALL	668962.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.98E-04
754	ALL	669242.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.98E-04
986	ALL	669382.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	8.97E-04
847	ALL	669302.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	8.96E-04
810	ALL	669282.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	8.94E-04
204	ALL	668942.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.94E-04
961	ALL	669362.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	8.93E-04
595	ALL	669142.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.92E-04
553	ALL	669122.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.92E-04
74	ALL	668862.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.91E-04
511	ALL	669102.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.91E-04
628	ALL	669162.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.91E-04
865	ALL	669322.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	8.90E-04
937	ALL	669362.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.90E-04
888	ALL	669342.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	8.90E-04
466	ALL	669082.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.89E-04
651	ALL	669182.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.89E-04
777	ALL	669262.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.87E-04
421	ALL	669062.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.87E-04
162	ALL	668922.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.86E-04
674	ALL	669202.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.86E-04

1042	ALL	669442.3	4343981	NonCancerChronicDerived_InhSoilDermMMilk	8.84E-04
962	ALL	669382.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	8.82E-04
377	ALL	669042.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.82E-04
912	ALL	669362.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	8.81E-04
707	ALL	669222.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.79E-04
987	ALL	669402.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	8.79E-04
1015	ALL	669422.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	8.78E-04
120	ALL	668902.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.76E-04
333	ALL	669022.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.75E-04
829	ALL	669302.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	8.73E-04
938	ALL	669382.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.72E-04
289	ALL	669002.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.70E-04
731	ALL	669242.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	8.69E-04
793	ALL	669282.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	8.69E-04
247	ALL	668982.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.67E-04
889	ALL	669362.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	8.67E-04
866	ALL	669342.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	8.65E-04
75	ALL	668882.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.65E-04
848	ALL	669322.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	8.64E-04
963	ALL	669402.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	8.64E-04
205	ALL	668962.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.63E-04
554	ALL	669142.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.62E-04
596	ALL	669162.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.62E-04
512	ALL	669122.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.61E-04
629	ALL	669182.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.61E-04
467	ALL	669102.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.60E-04
988	ALL	669422.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	8.59E-04
652	ALL	669202.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.59E-04
913	ALL	669382.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	8.59E-04
422	ALL	669082.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.57E-04
163	ALL	668942.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.57E-04
811	ALL	669302.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	8.56E-04
378	ALL	669062.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.54E-04
755	ALL	669262.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.53E-04
675	ALL	669222.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.53E-04
1016	ALL	669442.3	4343961	NonCancerChronicDerived_InhSoilDermMMilk	8.52E-04
939	ALL	669402.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.52E-04
121	ALL	668922.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.48E-04
334	ALL	669042.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.47E-04
964	ALL	669422.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	8.46E-04
867	ALL	669362.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	8.43E-04
849	ALL	669342.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	8.42E-04
708	ALL	669242.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.42E-04
76	ALL	668902.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.42E-04
290	ALL	669022.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.41E-04
890	ALL	669382.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	8.41E-04
830	ALL	669322.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	8.41E-04
778	ALL	669282.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.40E-04
989	ALL	669442.3	4343941	NonCancerChronicDerived_InhSoilDermMMilk	8.39E-04
248	ALL	669002.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.38E-04
914	ALL	669402.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	8.37E-04
206	ALL	668982.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.34E-04
513	ALL	669142.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.33E-04
555	ALL	669162.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.33E-04
597	ALL	669182.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.33E-04
630	ALL	669202.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.33E-04
468	ALL	669122.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.32E-04
940	ALL	669422.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.30E-04
794	ALL	669302.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	8.29E-04
423	ALL	669102.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.29E-04
164	ALL	668962.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.29E-04
653	ALL	669222.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	8.28E-04
965	ALL	669442.3	4343921	NonCancerChronicDerived_InhSoilDermMMilk	8.27E-04
379	ALL	669082.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.26E-04
732	ALL	669262.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	8.25E-04
812	ALL	669322.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	8.23E-04
122	ALL	668942.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	8.22E-04
850	ALL	669362.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	8.21E-04
868	ALL	669382.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	8.20E-04
335	ALL	669062.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	8.20E-04
831	ALL	669342.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	8.20E-04
891	ALL	669402.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	8.19E-04
676	ALL	669242.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	8.17E-04
77	ALL	668922.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	8.17E-04
291	ALL	669042.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	8.15E-04
915	ALL	669422.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	8.14E-04
249	ALL	669022.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	8.10E-04
941	ALL	669442.3	4343901	NonCancerChronicDerived_InhSoilDermMMilk	8.08E-04
756	ALL	669282.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	8.07E-04
207	ALL	669002.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	8.07E-04
556	ALL	669182.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	8.06E-04
514	ALL	669162.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	8.06E-04
598	ALL	669202.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	8.06E-04
469	ALL	669142.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	8.05E-04
631	ALL	669222.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	8.05E-04
424	ALL	669122.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	8.03E-04
165	ALL	668982.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	8.02E-04
709	ALL	669262.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	8.02E-04
813	ALL	669342.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	8.01E-04
779	ALL	669302.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	8.00E-04
832	ALL	669362.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	8.00E-04
380	ALL	669102.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	8.00E-04
851	ALL	669382.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	8.00E-04
869	ALL	669402.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	7.99E-04
123	ALL	668962.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.97E-04
795	ALL	669322.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.96E-04
892	ALL	669422.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	7.96E-04
654	ALL	669242.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.96E-04
336	ALL	669082.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.95E-04
78	ALL	668942.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.93E-04
916	ALL	669442.3	4343881	NonCancerChronicDerived_InhSoilDermMMilk	7.91E-04
292	ALL	669062.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.90E-04
28	ALL	668922.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.87E-04
250	ALL	669042.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.85E-04
733	ALL	669282.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.83E-04

599	ALL	669222.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.81E-04
208	ALL	669022.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.81E-04
677	ALL	669262.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.81E-04
814	ALL	669362.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.80E-04
833	ALL	669382.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	7.80E-04
515	ALL	669182.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.80E-04
557	ALL	669202.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.80E-04
852	ALL	669402.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	7.79E-04
470	ALL	669162.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.79E-04
166	ALL	669002.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.78E-04
425	ALL	669142.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.78E-04
870	ALL	669422.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	7.77E-04
796	ALL	669342.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-04
632	ALL	669242.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-04
381	ALL	669122.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.75E-04
893	ALL	669442.3	4343861	NonCancerChronicDerived_InhSoilDermMMilk	7.75E-04
124	ALL	668982.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.73E-04
757	ALL	669302.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.73E-04
337	ALL	669102.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.70E-04
79	ALL	668962.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.69E-04
780	ALL	669322.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.68E-04
293	ALL	669082.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.65E-04
29	ALL	668942.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.64E-04
710	ALL	669282.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.64E-04
655	ALL	669262.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.63E-04
815	ALL	669382.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.62E-04
834	ALL	669402.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	7.61E-04
251	ALL	669062.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.61E-04
853	ALL	669422.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	7.60E-04
797	ALL	669362.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.59E-04
1	ALL	668922.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.59E-04
209	ALL	669042.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.57E-04
871	ALL	669442.3	4343841	NonCancerChronicDerived_InhSoilDermMMilk	7.57E-04
558	ALL	669222.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.57E-04
600	ALL	669242.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.57E-04
516	ALL	669202.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.55E-04
167	ALL	669022.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.54E-04
471	ALL	669182.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.54E-04
426	ALL	669162.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.53E-04
678	ALL	669282.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.51E-04
382	ALL	669142.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.51E-04
781	ALL	669342.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.50E-04
125	ALL	669002.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.50E-04
734	ALL	669302.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.50E-04
758	ALL	669322.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.49E-04
633	ALL	669262.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.48E-04
338	ALL	669122.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.47E-04
80	ALL	668982.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.47E-04
798	ALL	669382.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.46E-04
816	ALL	669402.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.44E-04
294	ALL	669102.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.43E-04
30	ALL	668962.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.42E-04
835	ALL	669422.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	7.42E-04
854	ALL	669442.3	4343821	NonCancerChronicDerived_InhSoilDermMMilk	7.38E-04
252	ALL	669082.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.38E-04
2	ALL	668942.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.38E-04
782	ALL	669362.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.37E-04
656	ALL	669282.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.37E-04
559	ALL	669242.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.35E-04
210	ALL	669062.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.34E-04
517	ALL	669222.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.32E-04
711	ALL	669302.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.32E-04
168	ALL	669042.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.32E-04
601	ALL	669262.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.31E-04
472	ALL	669202.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.30E-04
427	ALL	669182.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.29E-04
126	ALL	669022.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.29E-04
383	ALL	669162.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.28E-04
759	ALL	669342.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.27E-04
735	ALL	669322.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.27E-04
783	ALL	669382.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.27E-04
81	ALL	669002.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.25E-04
339	ALL	669142.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.25E-04
799	ALL	669402.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.25E-04
679	ALL	669302.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.23E-04
634	ALL	669282.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.23E-04
817	ALL	669422.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.22E-04
31	ALL	668982.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.21E-04
295	ALL	669122.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.21E-04
836	ALL	669442.3	4343801	NonCancerChronicDerived_InhSoilDermMMilk	7.20E-04
3	ALL	668962.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	7.17E-04
253	ALL	669102.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	7.17E-04
211	ALL	669082.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	7.13E-04
560	ALL	669262.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	7.13E-04
657	ALL	669302.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	7.13E-04
518	ALL	669242.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	7.12E-04
760	ALL	669362.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.12E-04
169	ALL	669062.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	7.11E-04
736	ALL	669342.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	7.09E-04
473	ALL	669222.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	7.09E-04
127	ALL	669042.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	7.08E-04
602	ALL	669282.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	7.08E-04
712	ALL	669322.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	7.07E-04
428	ALL	669202.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	7.07E-04
784	ALL	669402.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	7.06E-04
384	ALL	669182.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	7.06E-04
82	ALL	669022.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	7.05E-04
761	ALL	669382.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	7.04E-04
800	ALL	669422.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	7.04E-04
340	ALL	669162.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	7.04E-04
32	ALL	669002.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	7.02E-04
818	ALL	669442.3	4343781	NonCancerChronicDerived_InhSoilDermMMilk	7.01E-04
296	ALL	669142.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	7.01E-04
680	ALL	669322.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	7.00E-04
635	ALL	669302.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	7.00E-04

4	ALL	668982.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-04
254	ALL	669122.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-04
737	ALL	669362.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.96E-04
713	ALL	669342.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.95E-04
212	ALL	669102.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.93E-04
519	ALL	669262.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.92E-04
561	ALL	669282.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.92E-04
658	ALL	669322.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.91E-04
170	ALL	669082.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.91E-04
474	ALL	669242.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.89E-04
128	ALL	669062.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.88E-04
429	ALL	669222.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.87E-04
785	ALL	669422.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	6.86E-04
603	ALL	669302.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.86E-04
83	ALL	669042.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.86E-04
762	ALL	669402.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.85E-04
738	ALL	669382.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.85E-04
385	ALL	669202.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.84E-04
33	ALL	669022.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.84E-04
714	ALL	669362.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.84E-04
801	ALL	669442.3	4343761	NonCancerChronicDerived_InhSoilDermMMilk	6.84E-04
681	ALL	669342.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.83E-04
341	ALL	669182.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.83E-04
297	ALL	669162.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.81E-04
5	ALL	669002.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.79E-04
636	ALL	669322.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.79E-04
255	ALL	669142.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.78E-04
213	ALL	669122.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.74E-04
520	ALL	669282.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.73E-04
171	ALL	669102.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.72E-04
562	ALL	669302.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.71E-04
659	ALL	669342.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.71E-04
475	ALL	669262.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.71E-04
129	ALL	669082.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.70E-04
430	ALL	669242.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.68E-04
715	ALL	669382.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.67E-04
84	ALL	669062.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.67E-04
763	ALL	669422.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.67E-04
739	ALL	669402.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.67E-04
786	ALL	669442.3	4343741	NonCancerChronicDerived_InhSoilDermMMilk	6.66E-04
682	ALL	669362.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.66E-04
604	ALL	669322.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.65E-04
386	ALL	669222.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.65E-04
34	ALL	669042.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.65E-04
342	ALL	669202.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.63E-04
6	ALL	669022.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.63E-04
298	ALL	669182.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.61E-04
637	ALL	669342.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.59E-04
256	ALL	669162.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.59E-04
214	ALL	669142.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.56E-04
521	ALL	669302.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.54E-04
172	ALL	669122.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.54E-04
476	ALL	669282.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.53E-04
660	ALL	669362.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.52E-04
130	ALL	669102.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.52E-04
563	ALL	669322.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.51E-04
431	ALL	669262.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.50E-04
85	ALL	669082.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.49E-04
716	ALL	669402.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.49E-04
764	ALL	669442.3	4343721	NonCancerChronicDerived_InhSoilDermMMilk	6.49E-04
740	ALL	669422.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.49E-04
683	ALL	669382.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.48E-04
35	ALL	669062.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.47E-04
387	ALL	669242.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.47E-04
605	ALL	669342.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.46E-04
7	ALL	669042.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.45E-04
343	ALL	669222.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.45E-04
299	ALL	669202.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.43E-04
257	ALL	669182.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.41E-04
638	ALL	669362.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.40E-04
215	ALL	669162.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.38E-04
173	ALL	669142.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.36E-04
522	ALL	669322.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.36E-04
477	ALL	669302.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.35E-04
131	ALL	669122.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.35E-04
661	ALL	669382.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.35E-04
564	ALL	669342.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.33E-04
432	ALL	669282.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.33E-04
684	ALL	669402.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.33E-04
86	ALL	669102.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.33E-04
741	ALL	669442.3	4343701	NonCancerChronicDerived_InhSoilDermMMilk	6.32E-04
717	ALL	669422.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.32E-04
388	ALL	669262.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.30E-04
36	ALL	669082.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.30E-04
8	ALL	669062.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.28E-04
344	ALL	669242.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.28E-04
606	ALL	669362.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.28E-04
300	ALL	669222.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.26E-04
258	ALL	669202.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.24E-04
639	ALL	669382.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.23E-04
216	ALL	669182.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.21E-04
174	ALL	669162.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.20E-04
662	ALL	669402.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.19E-04
478	ALL	669322.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.19E-04
132	ALL	669142.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.18E-04
523	ALL	669342.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.18E-04
685	ALL	669422.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.17E-04
87	ALL	669122.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.17E-04
433	ALL	669302.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-04
718	ALL	669442.3	4343681	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-04
565	ALL	669362.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	6.15E-04
37	ALL	669102.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	6.14E-04
389	ALL	669282.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	6.14E-04
345	ALL	669262.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	6.12E-04
9	ALL	669082.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	6.12E-04

607	ALL	669382.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	6.11E-04
301	ALL	669242.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	6.10E-04
259	ALL	669222.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	6.08E-04
640	ALL	669402.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	6.06E-04
217	ALL	669202.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	6.05E-04
175	ALL	669182.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	6.05E-04
133	ALL	669162.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	6.03E-04
663	ALL	669422.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	6.03E-04
479	ALL	669342.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	6.02E-04
88	ALL	669142.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	6.02E-04
686	ALL	669442.3	4343661	NonCancerChronicDerived_InhSoilDermMMilk	6.01E-04
524	ALL	669362.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	6.01E-04
434	ALL	669322.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	6.00E-04
38	ALL	669122.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.99E-04
566	ALL	669382.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	5.99E-04
390	ALL	669302.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.98E-04
10	ALL	669102.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.97E-04
346	ALL	669282.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.96E-04
302	ALL	669262.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.95E-04
608	ALL	669402.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	5.94E-04
260	ALL	669242.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.93E-04
218	ALL	669222.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.92E-04
641	ALL	669422.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	5.91E-04
176	ALL	669202.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.90E-04
134	ALL	669182.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.90E-04
89	ALL	669162.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.88E-04
664	ALL	669442.3	4343641	NonCancerChronicDerived_InhSoilDermMMilk	5.88E-04
480	ALL	669362.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.86E-04
39	ALL	669142.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.85E-04
525	ALL	669382.3	4343561	NonCancerChronicDerived_InhSoilDermMMilk	5.85E-04
435	ALL	669342.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.85E-04
11	ALL	669122.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.83E-04
567	ALL	669402.3	4343581	NonCancerChronicDerived_InhSoilDermMMilk	5.82E-04
391	ALL	669322.3	4343501	NonCancerChronicDerived_InhSoilDermMMilk	5.82E-04
347	ALL	669302.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.80E-04
303	ALL	669282.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.80E-04
261	ALL	669262.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	5.80E-04
219	ALL	669242.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	5.79E-04
609	ALL	669422.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	5.78E-04
177	ALL	669222.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	5.77E-04
135	ALL	669202.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.77E-04
642	ALL	669442.3	4343621	NonCancerChronicDerived_InhSoilDermMMilk	5.75E-04
90	ALL	669182.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.75E-04
40	ALL	669162.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.73E-04
481	ALL	669382.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.71E-04
436	ALL	669362.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.70E-04
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136	ALL	669222.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	5.64E-04
610	ALL	669442.3	4343601	NonCancerChronicDerived_InhSoilDermMMilk	5.63E-04
91	ALL	669202.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	5.63E-04
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305	ALL	669322.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.51E-04
349	ALL	669342.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.51E-04
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438	ALL	669402.3	4343521	NonCancerChronicDerived_InhSoilDermMMilk	5.41E-04
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15	ALL	669202.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	5.35E-04
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484	ALL	669442.3	4343541	NonCancerChronicDerived_InhSoilDermMMilk	5.27E-04
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44	ALL	669242.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.25E-04
307	ALL	669362.3	4343461	NonCancerChronicDerived_InhSoilDermMMilk	5.25E-04
351	ALL	669382.3	4343481	NonCancerChronicDerived_InhSoilDermMMilk	5.24E-04
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46	ALL	669282.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	5.01E-04
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185	ALL	669382.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.81E-04
143	ALL	669362.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.81E-04
227	ALL	669402.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.81E-04
269	ALL	669422.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	4.80E-04
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228	ALL	669422.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.70E-04
144	ALL	669382.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.70E-04
270	ALL	669442.3	4343441	NonCancerChronicDerived_InhSoilDermMMilk	4.69E-04
99	ALL	669362.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.69E-04
49	ALL	669342.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.67E-04
21	ALL	669322.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.66E-04
187	ALL	669422.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.60E-04
229	ALL	669442.3	4343421	NonCancerChronicDerived_InhSoilDermMMilk	4.59E-04
145	ALL	669402.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.59E-04
100	ALL	669382.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.58E-04
50	ALL	669362.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.57E-04
22	ALL	669342.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.55E-04
188	ALL	669442.3	4343401	NonCancerChronicDerived_InhSoilDermMMilk	4.50E-04
146	ALL	669422.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.49E-04
101	ALL	669402.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.48E-04
51	ALL	669382.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.46E-04
23	ALL	669362.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.44E-04
147	ALL	669442.3	4343381	NonCancerChronicDerived_InhSoilDermMMilk	4.39E-04
102	ALL	669422.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.38E-04
52	ALL	669402.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.36E-04
24	ALL	669382.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.34E-04
103	ALL	669442.3	4343361	NonCancerChronicDerived_InhSoilDermMMilk	4.28E-04
53	ALL	669422.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.27E-04
25	ALL	669402.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.24E-04
54	ALL	669442.3	4343341	NonCancerChronicDerived_InhSoilDermMMilk	4.17E-04
26	ALL	669422.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.14E-04
27	ALL	669442.3	4343321	NonCancerChronicDerived_InhSoilDermMMilk	4.04E-04

DORSEY MARKETPLACE

FINAL SUPPLEMENT TO THE FINAL ENVIROMENTAL IMPACT REPORT

SCH# 2016022053
August 2024

Prepared for:

CITY OF GRASS VALLEY

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Grass Valley, CA, 95945

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Final Supplement to the Final Environmental Impact Report

Dorsey Marketplace Project

AUGUST 2024

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TABLE

Table 1. Comments Received on the Draft Supplement to the Final EIR....2

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Final Supplement to the Final EIR

Introduction

This volume of the Dorsey Marketplace Project Supplement to the Final Environmental Impact Report (SFEIR) presents the responses to comments that were received in response to the Draft SFEIR, which was circulated for a 45-day public review period that began on February 3, 2024, and ended on March 19, 2024. This volume also presents text revisions made to the Draft SFEIR to correct data presented in Chapter 2, Air Quality.

Purpose and Intended Use of the Final Supplement to the Final EIR

As discussed in Public Review Draft SFEIR Chapter 1, Introduction, the City of Grass Valley's (City) certification of the 2019 Dorsey Marketplace EIR was challenged in court, and the Court of Appeal found that the EIR did not adequately address potential human health effects associated with mobile source air pollution emanating from State Route (SR) 20/49. This SFEIR was prepared to address the October 19, 2023, Nevada Superior Court Judgment and Peremptory Writ of Mandate in Case No. CU20-084791, Community Environmental Advocates, Community Environmental Advocates Foundation, Protect Grass Valley and Ralph A. Silberstein (collectively, "Petitioners") v. City of Grass Valley (these documents are referred to together as the "Ruling" of the Superior Court; they are included in this SFEIR as Appendix M)., which directed the City to correct the deficiencies in the EIR's analysis of SR 20/49 as a contributor of mobile source emissions, the associated health risks for future Project residents and occupants, and the degree to which the Project's contribution of vehicle trips on SR 20/49 may exacerbate these risks.

The ruling does not require the City Council to vacate its April 2020 project approvals, reconsider the merits of the project, or conduct any environmental analysis other than the health risk assessment. Thus, the SFEIR is not required to present analysis of any issues other than the project's potential to cause or exacerbate health risk effects on project residents and occupants associated with air pollutant emissions from traffic on SR 20/49.

This Final Supplement to the Final EIR complies with the requirements of CEQA Guidelines Section 15132, which states that a Final EIR shall consist of the following:

- The Draft EIR or a revision of the Draft EIR
- Comments and recommendations received on the Draft EIR, either verbatim or in summary
- A list of persons, organizations, and public agencies commenting on the Draft EIR
- The lead agency's responses to significant environmental points raised in the review and consultation process
- Any other information added by the lead agency

Overall, considering both the Draft and Final documents, this SFEIR provides the analysis of the potential health risks to project occupants and visitors associated with the Project's contribution to vehicle trips on SR 20/49, as required by the October 19, 2023, Nevada Superior Court Judgment and Peremptory Writ of Mandate.

Project Overview

As discussed in Draft SFEIR section 1.3, the project site consists of 26.8 acres on the south side of Dorsey Drive. The approved project will construct 104,350 square feet of commercial uses, including two major shops (35,000 and 21,500 square feet), five smaller shops (with sizes between 4,000 and 8,500 square feet), three pads for drive-through services such as fast-food and financial institutions (sizes between 3,200 and 4,200 square feet) and one 6,000-sqare-foot pad that would support food service without a drive-through. The commercial uses would be placed throughout the northern portion of the project site, with the major shops and two of the small shops along the western boundary, the restaurant pads in the northeastern portion of the site near the project site entrance on Dorsey Drive, and the additional three small shops completing the southwestern portion of the commercial area perimeter. Parking would be provided central to all of the commercial uses and would include electric vehicle charging stations.

The 172 residential apartments and 8,500 square feet of office space will be constructed as two-story and three-story buildings in the southern portion of the project site.

Responses to Comments

The City received 12 comment letters on the Draft SFEIR. The comment letters and the City's responses to each comment are presented in this Final SFEIR, which allows commenting agencies and the public an opportunity to review revisions to the Draft EIR and the responses to comments. As lead agency, the City must provide each public agency that commented on the Draft SFEIR with a copy of the lead agency's responses to those comments at least 10 days before certifying the Final SFEIR.

In some cases, comments received during the public review period for the SFEIR do not address the content of the SFEIR. Where such comments address the project's potential environmental effects, a brief response summarizing the relevant findings of the 2019 EIR and the court ruling, where applicable, is provided.

The commenters and the page number on which each commenter's letter appear are listed in Table 1.

Table 1. Comments Received on the Draft Supplement to the Final EIR

Comment Letter	Commenter	Date	Page Number
A	James Blair	03/08/2024	4
B	Star Carroll	03/19/2024	6
C	Central Valley Regional Water Quality Control Board	03/18/2024	10
D	Finney Arnold LLP	03/19/2024	16
E	Susan Henning	03/06/2024	26
F	Pamela Jung	03/07/2024	28
G	Jeff Kane & Concerned Citizens Roundtable	03/11/2024	30
H	Geraldine Kothe	03/18/2024	33
I	Northern Sierra Air Quality Control District	03/18/2024	37
J	Steve Smith	03/07/2024	43
K	Leslie Warren	03/07/2024	45
L	Charles Wilder	03/12/2024	53

Draft SFEIR Revisions

This Final SFEIR also presents revisions made to the text of the Draft SFEIR. No Draft SFEIR text revisions were required to address comments received. However, in consultation with the Northern Sierra Air Quality Management District, the City identified errors in the data reported in Chapter 2, Air Quality. Specifically, the revisions were made to correct the fine particulate matter ($PM_{2.5}$) concentrations reported in Tables 2-6 and 2-7, clarify that the project's contribution to the Chronic Hazard Index value would be less than or equal to 0.01, correct the level of significance associated with PM2.5 concentrations when 100% of project-generated traffic is added to SR 20/49 in the cumulative scenario, and replace the word 'baseline' with the word 'cumulative' in Table 2-7.

In all cases these Draft SFEIR text revisions do not alter the conclusions of the impact analysis, which found that the increased cancer and chronic health risks associated with project-generated traffic would remain below the applicable thresholds and thus impacts would remain less than significant.

Images of the pages on which text revisions were made are presented on pages 58 through 60 of this volume.

From: Jim Bair
To: Amy Kesler-Wolfson
Subject: Form submission from: Contact us
Date: Friday, March 8, 2024 8:51:38 AM

You don't often get email from info@cityofgrassvalley.com. Learn why this is important

03/08/2024 - 8:51am City of Grass Valley »

WEBFORM SUBMISSION

Submitted by anonymous user: [54.219.174.228]

Message:
HI Amy,
When is the deadline for comments on the SFEIR Dorsey Marketplace? I've been working a lot of overtime and I'm finally getting to this project, not far from where I live.

I want to go on record with opposition because of the unmitigable negative environmental impacts, and specifically the traffic impacts which I consider to be life threatening due to SNMH ER access . The City could be liable for wrongful death if it goes ahead with this project and an accident or vehicle delays are causal.
Thank you,
Jim Bair

Attachment(s) (if applicable):

CONTEXT INFORMATION

Profile contacted:
Amy Kesler-Wolfson

A-1

Response to Comment Letter A

Jim Bair
March 8th, 2024

A-1 The comment asks when the deadline for comments is for the Dorsey Marketplace Project Supplement to the Final Environmental Impact Report (SFEIR). The comment also identifies the commenter's opposition to the Project due to the "unmitigable negative environmental impacts," particularly the traffic impacts and potential interference with Sierra Nevada Memorial Hospital access, which could result in life threatening situations.

The deadline for comments was March 19, 2024. This was stated on SFEIR page 1-7 and in the Notice of Availability of the SFEIR that was published in The Union on February 3, 2024.

This comment does not address the accuracy or adequacy of the SFEIR and its analysis of the potential for the project to cause or exacerbate risks for adverse health effects on project residents and occupants due to exposure to air pollutants associated with project-generated traffic. The SFEIR is not required to address the project's potential effects related to transportation and traffic. The petitioners in the litigation against the City of Grass Valley's April 2020 project approval raised arguments relating to the EIR's adequacy with respect to transportation and traffic but did not prevail on those arguments. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on future project residents and occupants. No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

Vehicular access to Sierra Nevada Memorial Hospital is provided from the intersections of Dorsey Drive at Catherine Lane and East Main Street at Presley Way. The 2019 EIR included a thorough analysis of the project's potential transportation impacts and found that the project would not substantially increase delay at the intersections of Dorsey Drive with Catherine Lane and with East Main Street (the intersection of Dorsey Drive at East Main Street is approximately 0.25 miles northeast of Presley Way). The transportation analysis also found that the project would not substantially increase delay at any proximate intersections, such as Dorsey Drive at the SR 20/49 on- and off-ramps, or on SR 20/49. Thus, the project is not expected to cause interference with Sierra Nevada Memorial Hospital access.

From: star carroll
To: Amy Kestler-Wolfson
Subject: Public comment on Dorsey Marketplace
Date: Tuesday, March 19, 2024 4:23:41 PM

You don't often get email from starcarroll4@gmail.com. Learn why this is important

Amy Wolfson, Grass Valley City Planner
Members of the Grass Valley Planning Commission

We all agree that housing is a vital need in Nevada County.It is essential that housing reflect and enrich the special Sierra Foothills character of our communities.

When I moved to Nevada County in 1995, I had no idea of the amazing diversity of native flora found here. According to The California Native Plant Society, with over 8,000 species of native plants, California is a global treasure because of its native plants. No other state in the nation has as many species, and of those a third can't be found anywhere else in the world!

In the original EIR, the Redbud Chapter of California Native Plant Society commented on the Plant Survey that was conducted. The concerns raised are still relevant, in light of the updated provisions. In the Final EIR, Table E-S 2, 5-1 (Impacts and Mitigation Summary), Mitigation Measures 5a,6A-f Pages 14- 24.

Moving forward from a gold mining past to being a place that people visit and move to for outdoor beauty and recreation, healthy lifestyle, and arts and cultural events, this project is a unique opportunity to expand, without becoming "the next Roseville", and native plants can be allies of such innovative planning.

I ask that you help maintain our county's unique biodiversity for future generations by retaining as much as possible of the important existing plant communities (e.g, McNab Cypress and Fremont Cottonwoods) and incorporating them as part of the landscaping and open space, consistent with the Plan B modifications. To meet these mitigation requirements, it is essential that as much of the original areas of McNab Cypress woodland and cottonwood forest be conserved, as part of the proposed landscaping plan in order to meet their habitat needs. Planting individual trees in containers or landscaping strips will not allow them to thrive.

This includes a new floristic survey per CNPS guidelines before grading permits are issued. In the absence of meaningful and successful on-site restoration, there must be off-site restoration sufficient to ensure no net loss of habitat functions or values. You have an unprecedented opportunity before you to decide on the future of the project at Dorsey. What will that look like, and who will benefit in the years to come?

Thank you for your time and consideration of my comments. As doing the City's business must get boring at times, please know that your commitment to a sometimes thankless job is appreciated.

Star D. Carroll
Member, Redbud Chapter California Native Plant Society

B-1

B-2

B-3

Response to Comment Letter B

California Native Plant Society Redbud Chapter
Star Carroll
March 19th, 2024

B-1 The comment states housing is needed in Nevada County, but it is essential that the housing reflects the character of the Sierra Foothills and the community. The comment discusses native plant species in the state and the project region and states that the concerns related to native plants raised by the Redbud Chapter of the California Native Plant Society in their comments on the 2019 EIR are still relevant.

This comment does not address the accuracy or adequacy of the Dorsey Marketplace Project Supplement to the Final Environmental Impact Report (SFEIR) because the SFEIR is not required to address the project's potential effects related to native plants. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on future project residents and occupants. The petitioners in the litigation against the City of Grass Valley's April 2020 project approval raised arguments relating to the EIR's adequacy with respect to biological resources but did not prevail on those arguments. The original Final EIR is therefore legally adequate with respect to the analysis that was unsuccessfully challenged in those arguments. The Court of Appeal had the following to say on this subject:

> Plaintiffs argue that the EIR's analysis of protected plant species was flawed because the EIR relied exclusively on certain databases to conclude that special status plant species were not present on the site. Plaintiffs contend this was improper.
>
> Plaintiffs' argument mischaracterizes the record. The EIR did not rely exclusively on databases to conclude that special status plant species were not present on the project site. As the EIR explains, onsite field surveys also were performed to analyze the site and surrounding habitat for special status plant species. Further, although no special status plant species were found during the surveys, the EIR concluded it is possible special status species could become established on site prior to construction. Since removal of special status species is a potentially significant impact, the EIR proposed mitigation measure 6a, requiring a preconstruction survey to be completed to reduce the potential impact to less than significant.
>
> The EIR analyzed adequately the project's potential impacts on special status plant species and the EIR's conclusion of a less-than-significant impact is supported by substantial evidence. (*Association of Irritated Residents v. County of Madera*, *supra*, 107 Cal.App.4th at pp. 1393, 1396-1397 [upholding reliance on biological report based on field study and use of "Natural Diversity Data Base"].)

No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

This comment serves as an introduction to the subsequent comments and does not specify particular concerns. No further response is required because this comment does not address the accuracy or

adequacy of the SFEIR or the project's environmental effects. The comments on the 2019 EIR from the Redbud Chapter of the California Native Plant Society were thoroughly addressed in the 2019 Final EIR, Response to Comment Letter G.

B-2 The comment addresses the opportunity for the project to help the City expand while recognizing its gold mining history and providing community benefits such as recreation, scenic quality, and cultural/arts events, while retaining native plants and supporting biodiversity. The comment recommends retaining "important existing plant communities" such as McNab Cypress and Fremont Cottonwood. The comment also notes that these should be incorporated into proposed landscaping plans and advises against "planting individual trees in containers or landscaping strips."

This comment does not address the accuracy or adequacy of the SFEIR because the SFEIR is not required to address the project's potential effects related to existing plant communities; refer to Response to Comment B-1 for additional discussion of the EIR analysis regarding impacts to special status plants. No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

Mitigation Measure 6e as identified in the 2109 EIR requires that the project provide compensatory habitat conservation and/or restoration for the loss of McNab Cypress woodland and cottonwood forest. This can occur by incorporating the habitat within the proposed landscaping plans and/or purchase of credits in a habitat mitigation bank and/or establishment of a conservation easement or other mechanism providing for perpetual conservation on an appropriate offsite parcel.

B-3 The comment states that a new floristic survey meeting the California Native Plant Society guidelines should be prepared before grading permits are issued and that either on-site or off-site restoration should be conducted to ensure no net loss of habitat functions or values.

As noted above in Response to Comment B-1, the Court of Appeal found that the 2019 EIR was sufficient with respect to its treatment of project effects on special status plants. This comment does not address the accuracy or adequacy of the SFEIR because the SFEIR is not required to address the project's potential effects related to plants and habitat functions and values. The only directive from the courts was to complete additional analysis on potential adverse health effects of project-related traffic on future project residents and occupants. No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

Mitigation Measure 6a as identified in the 2019 EIR requires a floristic survey be conducted prior to issuance of building permits and specifies that this survey must be conducted by a qualified biologist and must meet the following standards:

- CNPS Botanical Survey Guidelines (CNPS 2001);
- Protocols for Surveying and Evaluating Impacts to Special Status Native Populations and Sensitive Natural Communities (CDFW 2018); and
- U.S. Fish and Wildlife Service General Rare Plant Survey Guidelines (Cypher 2002).

Mitigation Measure 6a also requires on-site and/or off-site restoration when impacts to individual special-status plants are unavoidable and provides the standards that must be attained by any restoration plan. In full, Measure 6a reads as follows:

> Prior to issuance of grading permits, focused surveys for special-status plant species shall be conducted by a qualified project biologist according to the following protocol and guidance: CNPS Botanical Survey Guidelines (CNPS 2001); Protocols for Surveying and Evaluating Impacts to Special Status Native Populations and Sensitive Natural Communities (CDFW 2018); and U.S. Fish and Wildlife Service General Rare Plant Survey Guidelines (Cypher 2002). The preconstruction survey shall be conducted during a period when the target species would be observable and identifiable (e.g., blooming period}.
>
> If special-status plants are detected during pre-construction surveys, the location of the species will be mapped. If impacts to special-status plants cannot be avoided, the following measures will be implemented:
>
> 1. Special-status plants in the vicinity of the disturbance will be temporarily fenced or prominently flagged and a 50-foot buffer established around the populations to prevent inadvertent encroachment by vehicles and equipment during the activity;
> 2. Seeds/bulbs will be collected and stored in appropriate storage conditions (e.g., cool and dry), and dispersed/transplanted to an area that would not be impacted following the construction activity and reapplication of salvaged topsoil; and
> 3. The top 6 inches of topsoil will be salvaged, stockpiled, and replaced as soon as practicable after project completion. The salvaged topsoil shall be redistributed at the same depth and contoured to blend with surrounding grades.
>
> Additionally, while it is not expected that a federally or state-listed plant would be observed during these surveys, the applicant shall consult with the applicable agency (i.e., CDFW and/or USFWS) and written concurrence for measures required for federally or state-listed plant species, if observed. If federal or state-listed plant species are observed, the applicant will submit a 2081(b) incidental take permit application to CDFW and a Biological Assessment for the ·take" of certain plants that would be affected by the project As part of the consultation process, a plan to transplant federal or state-listed species will be developed. A transplantation plan for any observed state or federally listed plants will be prepared that includes the following:
>
> 1. The area of occupied habitat to be preserved and removed.
> 2. Identification of on-site or off-site preservation, restoration, or enhancement locations.
> 3. Methods for preservation, restoration, enhancement, and/or translocation.
> 4. A replacement ratio and success standard of 1 :1 for impacted individuals.
> 5. A monitoring program to ensure mitigation success.
> 6. Adaptive management and remedial measures in the event that performance stands are not achieved.
> 7. Financial assurances and a mechanism for conservation of any mitigation lands required in perpetuity.

CALIFORNIA Water Boards

GAVIN NEWSOM GOVERNOR

YANA GARCIA SECRETARY FOR ENVIRONMENTAL PROTECTION

Central Valley Regional Water Quality Control Board

18 March 2024

Amy Wolfson
City of Grass Valley
125 East Main Street
Grass Valley, CA 95945
awolfson@cityofgrassvalley.com

COMMENTS TO REQUEST FOR REVIEW FOR THE SUPPLEMENTAL ENVIRONMENTAL IMPACT REPORT, DORSEY MARKETPLACE PROJECT, SCH#2016022053, NEVADA COUNTY

Pursuant to the State Clearinghouse's 5 February 2024 request, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) has reviewed the *Request for Review for the Supplemental Environmental Impact Report* for the Dorsey Marketplace Project, located in Nevada County.

Our agency is delegated with the responsibility of protecting the quality of surface and groundwaters of the state; therefore our comments will address concerns surrounding those issues.

I. Regulatory Setting

Basin Plan

The Central Valley Water Board is required to formulate and adopt Basin Plans for all areas within the Central Valley region under Section 13240 of the Porter-Cologne Water Quality Control Act. Each Basin Plan must contain water quality objectives to ensure the reasonable protection of beneficial uses, as well as a program of implementation for achieving water quality objectives with the Basin Plans. Federal regulations require each state to adopt water quality standards to protect the public health or welfare, enhance the quality of water and serve the purposes of the Clean Water Act. In California, the beneficial uses, water quality objectives, and the Antidegradation Policy are the State's water quality standards. Water quality standards are also contained in the National Toxics Rule, 40 CFR Section 131.36, and the California Toxics Rule, 40 CFR Section 131.38.

The Basin Plan is subject to modification as necessary, considering applicable laws, policies, technologies, water quality conditions and priorities. The original Basin Plans were adopted in 1975, and have been updated and revised periodically as required, using Basin Plan amendments. Once the Central Valley Water Board has adopted a Basin Plan amendment in noticed public hearings, it must be approved by

C-1

the State Water Resources Control Board (State Water Board), Office of Administrative Law (OAL) and in some cases, the United States Environmental Protection Agency (USEPA). Basin Plan amendments only become effective after they have been approved by the OAL and in some cases, the USEPA. Every three (3) years, a review of the Basin Plan is completed that assesses the appropriateness of existing standards and evaluates and prioritizes Basin Planning issues. For more information on the *Water Quality Control Plan for the Sacramento and San Joaquin River Basins*, please visit our website:
http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/

Antidegradation Considerations
All wastewater discharges must comply with the Antidegradation Policy (State Water Board Resolution 68-16) and the Antidegradation Implementation Policy contained in the Basin Plan. The Antidegradation Implementation Policy is available on page 74 at:
https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr_201805.pdf

In part it states:

Any discharge of waste to high quality waters must apply best practicable treatment or control not only to prevent a condition of pollution or nuisance from occurring, but also to maintain the highest water quality possible consistent with the maximum benefit to the people of the State.

C-1 Cont.

This information must be presented as an analysis of the impacts and potential impacts of the discharge on water quality, as measured by background concentrations and applicable water quality objectives.

The antidegradation analysis is a mandatory element in the National Pollutant Discharge Elimination System and land discharge Waste Discharge Requirements (WDRs) permitting processes. The environmental review document should evaluate potential impacts to both surface and groundwater quality.

II. Permitting Requirements

Construction Storm Water General Permit
Dischargers whose project disturb one or more acres of soil or where projects disturb less than one acre but are part of a larger common plan of development that in total disturbs one or more acres, are required to obtain coverage under the General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Construction General Permit), Construction General Permit Order No. 2009-0009-DWQ. Construction activity subject to this permit includes clearing, grading, grubbing, disturbances to the ground, such as stockpiling, or excavation, but does not include regular maintenance activities performed to restore the original line, grade, or capacity of the facility. The Construction General Permit requires the development and implementation of a Storm Water Pollution Prevention Plan (SWPPP). For more information on the Construction General Permit, visit the State Water Resources Control Board website at:

http://www.waterboards.ca.gov/water_issues/programs/stormwater/constpermits.shtml

Phase I and II Municipal Separate Storm Sewer System (MS4) Permits[1]
The Phase I and II MS4 permits require the Permittees reduce pollutants and runoff flows from new development and redevelopment using Best Management Practices (BMPs) to the maximum extent practicable (MEP). MS4 Permittees have their own development standards, also known as Low Impact Development (LID)/post-construction standards that include a hydromodification component. The MS4 permits also require specific design concepts for LID/post-construction BMPs in the early stages of a project during the entitlement and CEQA process and the development plan review process.

For more information on which Phase I MS4 Permit this project applies to, visit the Central Valley Water Board website at:
http://www.waterboards.ca.gov/centralvalley/water_issues/storm_water/municipal_permits/

For more information on the Phase II MS4 permit and who it applies to, visit the State Water Resources Control Board at:
http://www.waterboards.ca.gov/water_issues/programs/stormwater/phase_ii_municipal.shtml

Industrial Storm Water General Permit C-1 Cont.
Storm water discharges associated with industrial sites must comply with the regulations contained in the Industrial Storm Water General Permit Order No. 2014-0057-DWQ. For more information on the Industrial Storm Water General Permit, visit the Central Valley Water Board website at:
http://www.waterboards.ca.gov/centralvalley/water_issues/storm_water/industrial_general_permits/index.shtml

Clean Water Act Section 404 Permit
If the project will involve the discharge of dredged or fill material in navigable waters or wetlands, a permit pursuant to Section 404 of the Clean Water Act may be needed from the United States Army Corps of Engineers (USACE). If a Section 404 permit is required by the USACE, the Central Valley Water Board will review the permit application to ensure that discharge will not violate water quality standards. If the project requires surface water drainage realignment, the applicant is advised to contact the Department of Fish and Game for information on Streambed Alteration Permit requirements. If you have any questions regarding the Clean Water Act Section 404 permits, please contact the Regulatory Division of the Sacramento District of USACE at (916) 557-5250.

[1] Municipal Permits = The Phase I Municipal Separate Storm Water System (MS4) Permit covers medium sized Municipalities (serving between 100,000 and 250,000 people) and large sized municipalities (serving over 250,000 people). The Phase II MS4 provides coverage for small municipalities, including non-traditional Small MS4s, which include military bases, public campuses, prisons and hospitals.

Clean Water Act Section 401 Permit – Water Quality Certification
If an USACE permit (e.g., Non-Reporting Nationwide Permit, Nationwide Permit, Letter of Permission, Individual Permit, Regional General Permit, Programmatic General Permit), or any other federal permit (e.g., Section 10 of the Rivers and Harbors Act or Section 9 from the United States Coast Guard), is required for this project due to the disturbance of waters of the United States (such as streams and wetlands), then a Water Quality Certification must be obtained from the Central Valley Water Board prior to initiation of project activities. There are no waivers for 401 Water Quality Certifications. For more information on the Water Quality Certification, visit the Central Valley Water Board website at: https://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_certification/

Waste Discharge Requirements – Discharges to Waters of the State
If USACE determines that only non-jurisdictional waters of the State (i.e., "non-federal" waters of the State) are present in the proposed project area, the proposed project may require a Waste Discharge Requirement (WDR) permit to be issued by Central Valley Water Board. Under the California Porter-Cologne Water Quality Control Act, discharges to all waters of the State, including all wetlands and other waters of the State including, but not limited to, isolated wetlands, are subject to State regulation. For more information on the Waste Discharges to Surface Water NPDES Program and WDR processes, visit the Central Valley Water Board website at:https://www.waterboards.ca.gov/centralvalley/water_issues/waste_to_surface_water/ C-1 Cont.

Projects involving excavation or fill activities impacting less than 0.2 acre or 400 linear feet of non-jurisdictional waters of the state and projects involving dredging activities impacting less than 50 cubic yards of non-jurisdictional waters of the state may be eligible for coverage under the State Water Resources Control Board Water Quality Order No. 2004-0004-DWQ (General Order 2004-0004). For more information on the General Order 2004-0004, visit the State Water Resources Control Board website at: https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2004/wqo/wqo2004-0004.pdf

Dewatering Permit
If the proposed project includes construction or groundwater dewatering to be discharged to land, the proponent may apply for coverage under State Water Board General Water Quality Order (Low Threat General Order) 2003-0003 or the Central Valley Water Board's Waiver of Report of Waste Discharge and Waste Discharge Requirements (Low Threat Waiver) R5-2018-0085. Small temporary construction dewatering projects are projects that discharge groundwater to land from excavation activities or dewatering of underground utility vaults. Dischargers seeking coverage under the General Order or Waiver must file a Notice of Intent with the Central Valley Water Board prior to beginning discharge.

For more information regarding the Low Threat General Order and the application process, visit the Central Valley Water Board website at:

http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2003/wqo/wqo2003-0003.pdf

For more information regarding the Low Threat Waiver and the application process, visit the Central Valley Water Board website at: https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/waivers/r5-2018-0085.pdf

Limited Threat General NPDES Permit
If the proposed project includes construction dewatering and it is necessary to discharge the groundwater to waters of the United States, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. Dewatering discharges are typically considered a low or limited threat to water quality and may be covered under the General Order for *Limited Threat Discharges to Surface Water* (Limited Threat General Order). A complete Notice of Intent must be submitted to the Central Valley Water Board to obtain coverage under the Limited Threat General Order. For more information regarding the Limited Threat General Order and the application process, visit the Central Valley Water Board website at: https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2016-0076-01.pdf

C-1 Cont.

NPDES Permit
If the proposed project discharges waste that could affect the quality of surface waters of the State, other than into a community sewer system, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. A complete Report of Waste Discharge must be submitted with the Central Valley Water Board to obtain a NPDES Permit. For more information regarding the NPDES Permit and the application process, visit the Central Valley Water Board website at: https://www.waterboards.ca.gov/centralvalley/help/permit/

If you have questions regarding these comments, please contact me at (916) 464-4684 or Peter.Minkel2@waterboards.ca.gov.

Peter Minkel
Peter Minkel
Engineering Geologist

cc: State Clearinghouse unit, Governor's Office of Planning and Research, Sacramento

Response to Comment Letter C

Central Valley Regional Water Quality Control Board
Peter Minkel
March 18th, 2024

C-1 The comment references multiple plans and acts regarding water quality that may be applicable to the project including: the Basin Plan, Antidegradation Considerations/Policies, and permitting requirements (construction storm water general permit, phase I and II municipal separate storm sewer system MS4 permits, industrial storm water general permit, Clean Water Act Section 404 permit, Clean Water Act Section 401 permit, water discharge requirements, dewatering permit, Limited Threat General NPDES permit, and the NPDES permit). None of the discussion within this comment letter is addressed to potentially significant environmental issues related to the project but rather the letter provides broad summaries of potentially applicable regulations and permits that are generic in character, typical of comment letters sent out on many projects by this particular state agency.

This comment does not address the accuracy or adequacy of the Dorsey Marketplace Project Supplement to the Final Environmental Impact Report and its analysis of the potential for the project to cause or exacerbate the risks of adverse health effects on project residents and occupants due to exposure to air pollutants associated with project-generated traffic. No legal challenge to the Final EIR's water quality analysis was brought within the time to challenge the City's certification of that document. The Supplement to the Final Environmental Impact Report is not required to address the project's potential impacts related to water quality. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on future project residents and occupants. No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

The Regional Water Quality Control Board submitted a similar letter in response to the 2019 EIR. All comments from the Regional Water Quality Control Board were thoroughly addressed in the 2019 Final EIR, Response to Comment Letter D.

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March 19, 2024

VIA EMAIL ONLY
awolfson@cityofgrassvalley.com

Ms. Amy Wolfson
City of Grass Valley
125 E. Main Street
Grass Valley, California 95945

RE: Dorsey Marketplace Supplemental Final Environmental Impact Report

Dear Ms. Wolfson:

Our firm represents Community Environmental Advocates, Community Environmental Advocates Foundation, Protect Grass Valley and Ralph A. Silberstein, the successful Petitioners in the legal challenge to this project. We offer the following public comments on the Supplemental Final Environmental Impact Report, of February 2024 ("SFEIR"). The Court of Appeal and the Superior Court, on remand, have required the City of Grass Valley to conduct a more fulsome air quality study that provides an assessment of the human health effects associated with exposure to mobile source air pollution generated by vehicle traffic on State Route 20/49 for Project residents and users. The study is required to address whether the Project could exacerbate an environmental hazard because the 2019 Final Environmental Impact Report ("2019 Final EIR") noted that in the year 2035, SR 20/49 was projected to support daily traffic volumes of 56,000 vehicles, which exceeds the 50,000 vehicles per day threshold recommended in the California Air Resources Board ("CARB") Handbook regarding the proximity of residential land uses to air pollutant sources. D-1

The SFEIR performs the mandated air quality analysis and provides a Health Risk Assessment for sensitive receptors that estimates health risk impacts from roadway toxic air contaminants ("TACs") at new residences, for visitors, and for employees at the commercial uses proposed by the Project as well as health risks associated with existing sensitive receptors within 1,000 feet of SR 20/49. [SFEIR, at 2-1] The analysis concentrated on diesel particulate matter ($DM_{2.5}$, which is fine matter, and DM_{10}, which is gross matter) and total organic gasses that are known carcinogens to the State of California using dispersion models provided by CARB. [SFEIR, at 2-1].

We note that additional and more recent traffic volume data was used to make the case on air pollution than was used in the 2019 Final EIR. The use of this traffic volume input data was potentially faulty in a couple of respects. The SFEIR states:

> SR 20/49 has current traffic rates that are less than those assumed in the 2019 Final EIR [SFEIR, at 2-13; also SFEIR, at 2-17]]. For this reason, the existing and cumulative conditions of SR 20/49 presented in Table 9-5 of the 2019 EIR reflected higher average daily traffic (ADT) than are currently projected in the SFEIR. The volumes in the 2019 EIR were based on the Caltrans ADT projections developed in 2016. Specifically, the 2019 Final EIR assumed traffic volumes of 41,000 ADT for the baseline scenario, 42,000 ADT for the baseline + Project scenario, 56,000 ADT for the cumulative 2035 scenario, and 57,000 ADT for the cumulative 2035 + Project scenario [SFEIR, at 2-18]

D-2

To support these findings, the SFEIR states:

> Although the current SR 20/49 traffic volumes would be less than the 50,000 ADT threshold established by the CARB Handbook, [the SFEIR] evaluates the potential health risks associated with traffic on SR 20/49, with and without the Project as required by the Court of Appeal Opinion and Nevada County Superior Court Ruling. [SFEIR, at 2-13]

The SFEIR then finds:

> [B]ecause of the conservative assumptions used in the SFEIR versus the 2019 EIR…the cancer rates per 1,000 people are considered rather high [SFEIR, at 2-18].

The SFEIR claims that the "artificially conservative" input data they used generated somewhat "falsely" high cancer rates (because the traffic is lower than was assumed in the 2019 EIR and the projected traffic rates will be lower than 50,000 vehicles per day, given the 0.50% annual allotted increase in traffic the SFEIR employed, instead of the current negative growth rate. [SFEIR, at 2-18].

D-3

The traffic volume input data used in the SFEIR was necessarily influenced by the recent global COVID-19 pandemic (a situation which the world had not seen in 100 years). The pandemic depressed traffic volumes for several years. We believe it was error to use these artificially low traffic volumes and to assume these depressed traffic volumes will continue into the future, culminating in fewer than 50,000 vehicles per day in 2035. Traffic has been returning to normal over time and should be expected to increase as we progress toward 2035. The conservative assumption of 0.50% annual allotted increase in traffic does not consider any of these unusual variables.

D-4

Despite the reduced traffic volume input data used in the study, the air quality analysis found the air quality data and the number of days exceeding the ambient air quality standards for O3, NO2, PM10, and PM2.5, the pollutants monitored at the Grass Valley and Placer County stations, which are provided in Table 2-2, exceed CARB and NSAQMD standards. These figures, and others in the air quality analysis, also exceed annual standards. [SFEIR, at 2-8] The SFEIR asserts that the standards were exceeded artificially because they fudged some of their assumptions in ways they didn't have to, creating numbers that were larger than they should have been. [SFEIR, at 2-18] We disagree. These cancer rates are very concerning, especially given the pandemic-reduced traffic volume input data that was used in the analysis. D-5 D-6

As noted above, the national and local economies have largely transitioned to an online retail economy during the pandemic, and this transition is expected to continue. This has led to ongoing problems with downtown Grass Valley business survival. Thus, the basis for overriding the significant and unavoidable impacts that were found in the 2019 Final EIR is no longer valid. We understand that the SFEIR focuses on the air quality impact analysis, but the City has a wider focus and greater responsibility to the community than the faulty air quality analysis. The City must consider what has happened to the local economy and how that impacts project planning. Downtown Grass Valley businesses are struggling to survive. This project increases that pressure needlessly. D-7

Finally, one of the main reasons that the City approved the project is because of the need for housing. We want to be certain that the apartments are built concurrently with any retail development given these challenges in the local retail market and the need for affordable housing in the City. D-8

Thank you for considering these public comments. We look forward to your response.

Sincerely,

Tal C. Finney, Esq., Of
FINNEY ARNOLD LLP

Response to Comment Letter D

Finney Armold LLP
Tal C. Finney
March 19th, 2024

D-1 The comment states that Finney Arnold LLC represents Community Environmental Advocates, Community Environmental Advocates Foundation, Protect Grass Valley, and Ralph A. Silberstein, who collectively are the petitioners for Case Number CU20-084791, who challenged the City of Grass Valley's certification of the Dorsey Marketplace Environmental Impact Report (EIR). The comment notes that the Court of Appeal Opinion and Nevada County Superior Court Ruling requires the City to conduct an "assessment of the human health effects associated with exposure to mobile source air pollution generated by vehicle traffic on State Route 20/49 for Project residents and users." The comment notes that the Final EIR published in 2019 identified a projected daily traffic volume on State Route (SR) 20/49 of 56,000 daily vehicles in 2035, "which exceeds the 50,000 vehicles per day threshold recommended in the California Air Resources Board ("CARB") Handbook regarding the proximity of residential land uses to air pollutant sources." The comment also summarizes the nature of the Health Risk Assessment analysis presented in the Dorsey Marketplace Project Supplement to the Final EIR (SFEIR).

The City concurs with the characterization of the required additional analysis, the daily traffic volume reported in the 2019 Final EIR, and the scope of the Health Risk Assessment presented in the SFEIR.

D-2 The comment states that the SFEIR relies on a newer projected daily traffic volume for SR 20/49 than was used in the 2019 Final EIR. The comment cites text in the SFEIR, which explains that the data used in the 2019 Final EIR was developed by the California Department of Transportation (Caltrans) in 2016. The comment also cites text in the SFEIR which acknowledges that the current projected daily traffic volumes for SR 20/49 are below the 50,000 vehicles per day threshold recommended in the CARB Handbook. The comment then cites text from page 2-18 of the SFEIR regarding the assumptions used in the Health Risk Assessment analysis.

The comment is correct that the SFEIR relies on newer data regarding the projected traffic volume for SR 20/49 and that this new projection is lower than both the projection used in the 2019 Final EIR and the CARB Handbook threshold. The comment incorrectly characterizes the statement on page 2-18 of the SFEIR as being related to the new projected traffic volume. Other text on page 2-18 makes it clear that the conservative assumption being referenced is the assumption that 100% of the project-generated average daily traffic (ADT) would use the segment of SR 20/49 adjacent to the project site. As explained on page 2-18, the Health Risk Assessment analysis uses two different scenarios – one in which 100% of the project-generated ADT would use SR 20/49 and one in which 20% of the project-generated ADT would use SR 20/49. The 20% scenario was based on the findings of the transportation analysis prepared for the 2019 EIR and the 100% scenario was evaluated to provide a conservative analysis of the project's potential contribution to health risk effects associated with traffic on SR 20/49. In addition, page 2-18 notes that a 0.50% growth rate was assumed for background (non-project related) traffic volumes on SR 20/49 because this is a more conservative assumption than the existing negative growth rate.

D-3 The comment states that the SFEIR claims that the cancer rates reported in the SFEIR are "'falsely' high … because the traffic is lower than was assumed in the 2019 EIR." The comment also notes that the SFEIR uses an assumption of a 0.50% annual increase in daily traffic instead of the current negative growth rate.

As described in the SFEIR, if the Health Risk Assessment analysis were prepared using a negative growth rate for SR 20/49 traffic based on current Caltrans data, cancer and chronic health risks would be lower in the cumulative scenario than in the baseline (existing conditions) scenario. Rather than the negative growth rate, the 0.50% annual increase in daily traffic assumed for the cumulative 2035 and cumulative 2035 + Project scenarios was based on professional judgement from experience with other projects where current data reflected a negative annual growth rate. This is a more conservative assumption than the existing negative growth rate and provides for consideration of both recent data as well as historic data and traffic volume trends.

Further, the Health Risk Assessment is primarily concerned with the contribution of the project-generated ADT on health risks associated with mobile sources on SR 20/49 rather than the health risks associated with total daily traffic volume on this roadway segment. The thresholds used to determine if the project would result in a significant impact is whether the project-generated ADT would cause the level of risk for cancer to increase by 10 in a million or increase the Hazard Index, which is a value expressing the risk of developing chronic health conditions from exposure to air pollution, by 1.0 or more. To calculate the chronic Hazard Index, the annual average ground level concentration of a substance is divided by the chronic Reference Exposure Level (REL) for the substance, where the REL is a level at which adverse health effects may occur. Therefore, a Hazard Index of 1.0 indicates that the estimated annual average ground level concentration exceeds the REL for the substance. The project's effects related to cancer risk and the Hazard Index are presented in Tables 2.6 and 2.7 of the SFEIR.

As stated on SFEIR page 2-18, the Health Risk Assessment was conducted "in order to estimate the change between the baseline and cumulative scenarios with and without the Project-generated" ADT. The difference in health risks attributed to the Project under the baseline plus Project scenario and the cumulative 2035 plus Project scenario compared to the no Project scenarios would be similar regardless of whether the modeling uses the daily traffic volumes on SR 20/49 from the 2019 EIR or uses the current data and assumed 0.50% annual increase. The results would be similar because the project's ADT and contribution to traffic on SR 20/49 would remain unchanged. Therefore, no revisions to the SFEIR are required in response to this comment.

D-4 The comment states that the current Caltrans traffic volume data was influenced by the Covid-19 pandemic and thus is artificially low. The comment states that it is not appropriate to assume that the lower traffic volumes will continue because traffic has been returning to normal. The comment states that the assumed 0.50% annual increase in traffic volumes does not reflect the unusual conditions associated with the pandemic.

The comment is correct that daily traffic volumes reduced substantially during the Covid-19 pandemic. However, this comment letter later states, in Comment D-7, that "national and local economies have largely transitioned to an online retail economy during the pandemic, and this transition is expected to continue." This latter comment, which implies that the Covid-19 pandemic has resulted in *permanent* reductions in traffic (at least per capita) due to on-line shopping, is in tension with Comment D-4 which asserts that traffic levels on SR 20/49 should "return to normal over time." Four years after the initial

stages of the pandemic, all evidence suggests that what used to be "normal" is no longer normal. After the pandemic, many more people telecommute from home and do more of their shopping online, which may involve shopping at local businesses using curbside pick-up or delivery options, as well as shopping at online-only businesses with delivery service. These changes appear to be permanent, and the traffic volume data on which the health risk analysis is based reflects these changes. Thus, there is no evidence that it would be reasonable to assume a return to the full daily traffic volumes and growth projections that were used prior to the pandemic. As noted in Response to Comment D-3, the 0.50% annual increase in daily traffic used in the Health Risk Assessment analysis was based on experience on other projects where current data reflected a negative annual growth rate. The Health Risk Assessment is based on the best available data at the time the analysis was conducted but is highly conservative in the sense that it assumed a positive growth rate which current traffic volume data indicates is likely to overstate future traffic on SR 20/49. Response to Comment D-3 also explains that use of a higher background traffic volume would not change the project's ADT or its contribution to traffic on SR 20/49 and thus would not increase the extent to which the project's incremental contribution to traffic and associated air pollutant emissions could increase health risks associated with exposure to air pollutants generated by traffic on SR 20/49.

D-5 The comment states that "despite the reduced traffic volume" data, the SFEIR finds that the region experiences levels of NO_2, PM_{10} and $PM_{2.5}$ that exceed the CARB and Northern Sierra Air Quality Management District (NSAQMD) standards.

The comment is correct that the region exceeded the national and state PM_{10} standards and the national $PM_{2.5}$ standards for monitoring years 2020 through 2022. The comment is incorrect that the region exceeds national or state NO_2 standards, however it is noted that the region did exceed national and state O_3 (ozone) standards. As shown in SFEIR Table 2-2, there were zero days on which the NO_2 standards were exceeded while the numbers of days on which the ozone and particulate matter standards were exceeded vary widely from year to year and among different standards. For example, the region exceeded the State's 1-hour ozone concentration standard twice in 2020, six times in 2021, and once in 2022 while the region exceeded the State's 8-hour ozone concentration standard 20 times in 2020, 40 times in 2021, and 17 times in 2022. In comparison, the 2019 EIR reported that region exceeded the State's 1-hour ozone concentration standard four times in 2015, six times in 2016, and 13 times in 2017 and exceeded the State's 8-hour ozone concentration standard 30 times in 2015, 46 times in 2016, and 85 times in 2017.

It is important to understand that the exceedances of the AQ standards are not related to the cancer risks determined by the Health Risk Assessment. Table 2-2 provides information about the existing air quality conditions in the region based on data obtained from two monitoring stations (one on Litton Drive in Grass Valley and one in Placer County because it is the nearest monitoring station for nitrogen dioxide and coarse particulate matter). However, the air quality standard exceedances identified in Table 2-2 do not directly correlate with the traffic volumes on the segment of SR 20/49 that was evaluated in the Health Risk Assessment and do not directly correlate with the health risks that individuals may be exposed to in any particular location. The monitoring stations measure emissions from all sources of air pollution, not just air pollution associated with vehicle traffic. As discussed in SFEIR Section 2.1.2, other sources of air pollution include construction activities, industrial and agricultural land uses, landfills, and electricity generation. The traffic volume data used in the SFEIR is specific to the segment of SR 20/49 adjacent to the project site.

D-6 The comment states that on page 2-18, the "SFEIR asserts that the standards were exceeded artificially because they fudged some of their assumptions in ways they didn't have to, creating numbers that were larger than they should have been." The comment also states that the cancer rates identified by the Health Risk Assessment are very concerning, particularly given that the traffic volumes were reduced due to the pandemic.

None of the text on SFEIR page 2-18, or elsewhere in the SFEIR asserts that the standards were exceeded artificially. The assumptions discussed on page 2-18 include:

- Assuming the first year of project operations to be 2022. The SFEIR states that this provides a more conservative analysis because "vehicle emission factors and the percent of diesel vehicles on the roadway generally decreases over time due to more stringent vehicle standards, as well as fleet turnover replacing older vehicles in later years." In other words, by relying on a start year of 2022 instead of a later year, such as 2026 (which would more accurately represent a likely first operational year for the project), the Health Risk Assessment is based on modeling years in which vehicle emissions are likely to be higher than they would be in later years.
- Assuming a 0.50% growth in background traffic volume to estimate year 2035 conditions. As discussed in Responses to Comments D-2 and D-4, this growth rate is more conservative than relying on the current negative growth rate and is expected to provide a more conservative estimate of the background conditions under the cumulative scenario. However, the background air pollutant concentrations are the portion of the measured ambient levels that are *not* attributable to emissions from the project; the health risks associated with these background conditions were included in the modeling to characterize the baseline conditions but were not used to determine the project's impacts. The Health Risk Assessment was conducted to identify whether the project's ADT could generate pollution concentrations that by themselves would cause or exacerbate health risks to project residents and occupants. Thus, the determination of whether the Project would result in a significant increase in health risk is based on the project-generated ADT.
- Assuming that all of the project's ADT would use SR 20/49. The Health Risk Assessment presents two scenarios – one in which 100% of the project-generated traffic is added to SR 20/49 and one in which 20% of the project-generated traffic is added to SR 20/49. The scenario that assumes 20% of the project's ADT would use SR 20/49 is based on the transportation impact analysis included in the 2019 EIR. The scenario that assumes that 100% of the project's ADT would use SR 20/49 was evaluated to identify a potential worst-case scenario for the project's potential to expose individual residents or project occupants to substantial cancer and chronic health condition risks.

  The modeling found that the project would increase cancer risks under both the existing and cumulative conditions by 5.36 in a million under the scenario in which 100% of project-generated ADT uses SR 20/49 and by 0.17 in a million under the scenario in which 20% of project-generated ADT uses SR 20/49. Thus, the SFEIR correctly concluded that the project's impacts would be less than significant because the project would not cause the cancer risk to increase by 10 in a million.

  Specifically, the SFEIR states on page 2-26 "the additional cancer risk of five in one million associated with the 100% Project ADT scenario is not a significant exacerbation of the baseline cancer risk from mobile source emissions on SR 20/49 under current or 2035 conditions. Similarly, the additional cancer risk of 0.17 in one million associated with the 20% Project ADT scenario is not a significant exacerbation of the baseline cancer risk from mobile source emissions on SR

20/49 under current or 2035 conditions." Further the project generated traffic would increase the Hazard Index by 0.02 or less in each scenario (Refer to Response to Comment D-3 for a brief explanation of the Hazard Index). As this increase is well-below the threshold of significance, which is a Hazard Index of 1.0, the project would not cause a significant exacerbation of the baseline chronic health risk associated with exposure to air pollution from traffic volumes on SR 20/49.

D-7 The comment states that the transition of national and local economies to largely online retail sales during the pandemic is expected to continue, which has led to challenges for the survival of downtown Grass Valley businesses. The comment also states that this condition would be exacerbated by construction of this project.

The comment does not address the accuracy or adequacy of the SFEIR. The SFEIR was prepared to comply with the October 19, 2023, Nevada Superior Court Judgment and Peremptory Writ of Mandate, specifically to evaluate the potential for the project to cause or exacerbate health risks on project residents and occupants due to exposure to air pollutants associated with project-generated traffic. The SFEIR is not required to evaluate potential effects on existing retail businesses or the local economy. The procedural remedy resulting from the litigation over the City's April 2020 project approvals does not require the City Council to reconsider the merits of the project. The judgment and peremptory writ of mandate issued by the superior court on remand from the Court of Appeal did not direct the City Council to vacate its April 2020 project approvals. Those approvals remain in place. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on future project residents and occupants. No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

The 2019 Draft EIR included a thorough analysis of the project's potential impacts related to capture of retail sales from existing local businesses. The analysis found that there is sufficient retail demand in the local area to support the project, and that the project would be capable of capturing a portion of the retail sales attributed to residents of Grass Valley that currently occur in other jurisdictions (referred to in the 2019 EIR as retail leakage). Specifically, the Economic Analysis prepared in support of the 2019 EIR (which was provided as Appendix D to the EIR) found that there was "roughly $150 million in existing retail spending leakage from the western Nevada County market area" while the project would generate approximately $32 to $36 million in sales, representing about 23% of existing retail leakage. The Economic Analysis concluded that "the Dorsey Marketplace project would not depend on cannibalizing from existing retail establishments in Grass Valley" and that "a reasonable shift in market area retail spending patterns in the near term, combined with moderate growth in the market area over time, provide ample support for the proposed increase in the city's retail inventory."

The trial court and Court of Appeal found this analysis to be adequate, and rejected the commenters' arguments attacking the analysis (in part) as follows:

> Plaintiffs contend that the EIR violated CEQA because it failed to analyze adequately the project's potential to draw business away from the downtown Grass Valley shopping area and thereby cause business closures and physical deterioration of the downtown area. Plaintiffs argue that "[c]omen sense" suggests adding more than 100,000 square feet of new retail space would have significant economic impacts on downtown businesses and, as a result, the EIR should have analyzed that impact to determine if it may result

in urban decay, either individually or in conjunction with other retail projects. We find no abuse of discretion.

***

In the EIR for this project, the City considered the potential for the project to cause urban decay in the downtown area. The EIR's analysis is supported by an economic study, attached to the EIR as appendix D. The study evaluates the scale and characteristics of the proposed project in the context of the city and regional retail markets. Based on evaluation of the market area demand and supply projections and project characteristics, the study concludes that the proposed project would help to recapture some of the estimated $150 million in retail sales "leakage" spent outside of Grass Valley, and that the project "would not depend on cannibalizing from existing retail establishments in Grass Valley."

With respect to the downtown business district, the study notes that it serves a "special function" within the City's retail landscape. Marketed to visitors as Grass Valley's "historic, walkable centerpiece," the downtown area is known for its "eclectic mix of locally owned shops and restaurants" in a "concentrated collection of buildings boasting the patina of age." Based on a retail sales analysis, the study concludes that sales activity downtown is most heavily influenced by general economic conditions and factors affecting visitor travel and discretionary spending on entertainment and recreation. After considering the mix of potential tenants for the proposed project and other factors, the study concludes that development of the project "would not change the reasons for shopping and dining Downtown." Because the proposed project was not expected to decrease economic activity in the downtown area, the EIR concluded there was no evidence that the project would lead to urban decay.

Plaintiffs challenge the EIR's conclusion that the project would not take business away from the downtown area and thereby potentially cause business closures. In this context, we do not reweigh the evidence in the record to determine whether the EIR's conclusions are correct. (*Bakersfield Citizens, supra*, 124 Cal.App.4th at p. 1197.) Rather, we review the record in the light most favorable to the City's conclusion to determine whether substantial evidence supports the conclusion that the impact of urban decay is less than significant. (*Anderson First Coalition v. City of Anderson* (2005) 130 Cal.App.4th 1173, 1183; *Save Panoche Valley v. San Benito County* (2013) 217 Cal.App.4th 503, 514.)

Here, plaintiffs provided no evidence that the project would have significant economic impacts on the downtown area, much less evidence of potential urban decay. (*Placerville Historic Preservation League v. Judicial Council of California* (2017) 16 Cal.App.5th 187, 197 [urban decay is a relatively extreme economic condition; there is no reason to presume urban decay would be a consequence of a project].) In contrast, the record contains substantial evidence that the project would not have significant economic impacts on the downtown area. Accordingly, we conclude the City did not abuse its discretion in concluding that the project would not have any significant urban decay impacts.

Although retail and commercial sales conditions locally, statewide, and nationally have been affected by the Covid-19 pandemic and ongoing changes in shopping choices and behaviors, the courts found no inadequacies in the 2019 EIR analysis of potential effects on existing local businesses that could lead to blight conditions, and the SFEIR is not required to address these issues. Additionally, while there has been an increase in online retail sales, this commercial activity includes shopping from local businesses using 'curbside pick-up,' thus recent changes in shopping choices and behaviors do not completely shift retail sales activity away from the local economy. As noted above, the Economic Analysis prepared in support of the 2019 EIR found that retail sales within the project would represent approximately 23% of the documented retail sales leakage from the western Nevada County market area. Thus, despite recent changes in retail and commercial sales conditions, it is expected that there is sufficient retail sales activity in the western Nevada County market area to support the proposed project without putting substantial additional pressure on existing local businesses.

D-8 The comment states that the need for housing is one of the main reasons that the City approved the project and thus the apartments should be built concurrently with any retail space.

The comment does not address the accuracy or adequacy of the SFEIR, which was prepared to evaluate the potential for the project to cause or exacerbate the risks for adverse health effects on project residents and occupants due to exposure to air pollutants associated with project-generated traffic. The commenter's suggestion would not contribute to any lessening of such potential health-related impacts. As discussed in Response to Comment D-7, the procedural remedy resulting from the litigation over the City's April 2020 project approvals does not require the City Council to reconsider the merits of the project. The SFEIR therefore is not required to evaluate the timing of construction for the residential units included in the project. No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

The findings of Fact and Statement of Overriding Considerations adopted for the project include eight individual overriding considerations, They address a range of topics, including remediation of the brownfield site, development of a mixed-use community with opportunities for economic activity and multifamily housing, development of an infill site as anticipated in the General Plan and other city planning documents, support for attainment of the City's Housing Element goals for development of new residential units, reducing vehicle miles traveled (VMT) by capturing some of the retail sales that are made in locations further from Grass Valley and by creating a mixed-use walkable community that is less reliant on automobiles, road and infrastructure improvement that provide connectivity to existing trail systems, and creating a modern shopping center that is capable of attracting new retail and commercial tenants. Both the analysis of the project's potential adverse environmental effects and the project's potential to attain the benefits expressed in the Statement of Overriding Considerations are based on the project characteristics overall, rather than individual project components. In the long run, the specific timing for construction of the residential units compared to other project components would not affect the project's ability to realize the identified benefits.

From: Susan Hennings
To: Amy Kesler-Wolfson
Subject: Dorsey Market Place
Date: Wednesday, March 6, 2024 3:40:49 PM

> You don't often get email from susan022549@att.net. Learn why this is important

Affordable housing is desperately needed in Nevada County. More shops/retail space is not. There are so many empty shop spaces already. What would be immensely useful is a park site for the proposed complex. Some open space where kids can kick a ball, or elders can read a book sitting on a bench in the sun. E-1

Sincerely
Susan Hennings

Sent from Mail for Windows

Response to Comment Letter E

Susan Hennings
March 6th, 2024

E-1 The comment states the commenter's view that affordable housing is much needed within Nevada County, but that more retail space and development is not needed. The comment notes that the City already has many empty retail spaces and that development of the project site as a park would better serve the community.

This comment does not address the accuracy or adequacy of the Dorsey Marketplace Project Supplement to the Final Environmental Impact Report because the Supplement to the Final Environmental Impact Report is not required to address the project's potential effects related to retail space or project alternatives. As discussed in Response to Comment D-7, the procedural remedy resulting from the litigation over the City's April 2020 project approvals does not require the City Council to reconsider the merits of the project. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on future project residents and occupants. No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

As required by CEQA, the 2019 EIR evaluated the project as proposed as well as alternatives to the project that could feasibly attain most of the basic project objectives. Development of the project site as a park would not meet any of the project objectives, as identified in 2019 EIR Section ES.3, and thus is not a feasible alternative that must be considered in the EIR.

From: Pam Jung
To: Amy Kesler-Wolfson
Subject: Dorsey Marketplace Project SFEIR
Date: Thursday, March 7, 2024 11:19:22 AM

[You don't often get email from pfjung65@gmail.com. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification]

My concern is about Idaho-Maryland Road and the added burden it will face because of this project. This road is already declining. Lots of new traffic will doom it. F-1
Pamela Jung

Response to Comment Letter F

Pamela Jung
March 7th, 2024

F-1 The comment identifies concern about the project's impacts on Idaho-Maryland Road. The comment characterizes the road as "already declining" and unable to accommodate "lots of new traffic."

This comment does not address the accuracy or adequacy of the Dorsey Marketplace Project Supplement to the Final Environmental Impact Report and its analysis of the potential for the project to cause or exacerbate the risks for adverse health effects of project residents and occupants due to exposure to air pollutants associated with project-generated traffic. The Supplement to the Final Environmental Impact Report is not required to address the project's potential effects related to transportation and traffic. The petitioners in the litigation against the City of Grass Valley's April 2020 project approval raised arguments relating to the EIR's adequacy with respect to transportation and traffic but did not prevail on those arguments. The 2019 EIR is therefore deemed to be adequate with respect to transportation impacts. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on future project residents and occupants. No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

The 2019 EIR included a thorough analysis of the project's potential transportation impacts and found that the project would not substantially increase delay at any of the studied intersections along Idaho Maryland Road in the existing plus project conditions but would substantially worsen congestion at two intersections in the cumulative plus project conditions. The project's effect on these intersections is discussed on page 8-36 of the 2019 EIR. With implementation of Mitigation Measure 8a, the 2019 EIR finds that the project's impacts at both intersections would be reduced to a less-than-significant level.

From: Jeff Kane
To: Amy Kesler-Wolfson
Cc: Rob Agrimonti; Rondal Snodgrass; Tim Ogburn; Jeff Kane; Randy Newsome; Brad Miller; Yasha Aginsky; Kathy Ogburn; Charlie Brock; Jeff Gold; Scott Kellermann
Subject: Dorsey Marketplace comment on drive-thrus
Date: Monday, March 11, 2024 11:52:11 AM

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Response to Dorsey Marketplace SFEIR, March, 2024

We strongly recommend omitting all drive-thru establishments from the plan, especially because of our concern for air quality.

As you may already know, California's air quality in general is poor. According to the American Lung Association, the five cities in the nation with the worst annual particulate pollution and highest ozone levels are in California, and include the Sacramento-Roseville region.

Nevada County is even more affected than the state. The American Lung Association gives our community an F grade for ozone levels, designating 105 days per year "unhealthy." We've long been considered inhabitants of "Sacramento's tailpipe," as auto exhaust emitted there funnels here. During recent summers, wildfires contributed to entire weeks which the Northern Sierra Air Quality Management District labeled "very hazardous."

In sum, Nevada County can't tolerate additional air pollution, including significant contributions from unnecessarily idling vehicles. Consider the Starbucks drive-thru on Freeman Lane (though we could name many others). One can often see a dozen cars or more waiting in line, engines idling. An average vehicle idling for ten minutes burns over a cup of fuel, producing 1.5 lb of carbon dioxide, a major greenhouse gas. Auto exhaust also consists of carbon monoxide, unburnt hydrocarbons, and oxides of nitrogen--all either poisonous or smog precursors. Eight cars in line at Starbuck's, then, waiting an average ten minutes each, will burn a gallon of gas and release 8 lb of CO2 and significant amounts of toxins--and the line persists all day, every day. G-1

Considering our poor air quality alone, we already suffer too many drive-thrus and can't take more. But air pollution isn't their only problem. Sometimes their lines are long enough to block traffic. They discourage walking, public transit use and visits to neighboring businesses. They also lead to accidents with pedestrians, cyclists and other cars, and favor individual isolation over healthy community contact. That's why Minneapolis; Long Beach and Lincoln, CA; Fair Haven, New Jersey; Creve Coeur, Missouri; Orchard Park, New York, and other cities have banned new drive-thrus. G-2

The City of Grass Valley isn't obligated to emulate north Auburn's commercial strip, but to protect the interests of its residents, including their health and sense of community.

Respectfully,

Jeff Kane 530-557-0105
for
Concerned Citizens Roundtable

Response to Comment Letter G

Concerned Citizens Roundtable
Jeff Kane
March 11th, 2024

G-1 The comment recommends that drive-through restaurants be omitted from the project to reduce the project's adverse air quality effects. The comment notes that the American Lung Association gives Nevada County an F grade for ozone levels because the region experiences unhealthy ozone conditions 105 days each year and that wildfire smoke causes the air quality to be "very hazardous" for weeks. The comment states that Nevada County cannot tolerate any more pollution and that cars idling at drive-throughs emit air pollution, including greenhouse gases, toxins, and smog precursors.

The comment does not address the accuracy or adequacy of the Dorsey Marketplace Project Supplement to the Final Environmental Impact Report (SFEIR), which was prepared to evaluate the potential for the project to cause or exacerbate the risks of adverse health effects on project residents and occupants due to exposure to air pollutants associated with project-generated traffic. The petitioners in the litigation against the City of Grass Valley's April 2020 project approval raised arguments relating to the EIR's adequacy with respect to the air quality analysis but did not prevail on those arguments other than the subject of potential adverse health effects of project-related traffic on future project residents and occupants. Thus, the SFEIR is not required to evaluate the project's effects on local and regional air quality associated with operational air pollutant emissions outside of the Health Risk Assessment presented in the SFEIR. No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

The effects of the project on the local and regional air quality were evaluated in the 2019 EIR based on the thresholds adopted by NSAQMD. The 2019 EIR determined that construction and operational emissions, including emissions associated with vehicles using the drive-through restaurants, would result in less-than-significant impacts after implementing Mitigation Measures 10a and 10b.

The SFEIR focuses only on the potential for the project to exacerbate health risks associated with exposure of project residents and occupants to toxic air contaminants from motor vehicle activity. The SFEIR finds that even under the assumption that 100% of the project-generated traffic would use SR 20/49, the project would increase cancer risk by 5.36 in a million, which is below the Bay Area Air Quality Management District 10 in a million threshold.

As shown in the 2019 EIR and the SFEIR, the project's impacts associated with air pollutant emissions from vehicle use, including the drive-through restaurants, would remain less than significant and no mitigation, such as eliminating one or more of the planned drive-through restaurants, is needed.

G-2 The comment states that drive-through restaurants are also undesirable because sometimes their lines are long enough to block traffic; they discourage walking, public transit use and visits to neighboring businesses; they lead to accidents with pedestrians, cyclists, and other cars; and they "favor individual isolation over healthy community contact."

The comment does not address the accuracy or adequacy of the SFEIR analysis of the potential for the project to cause or exacerbate the risks of adverse health effects on project residents and occupants due to exposure to air pollutants associated with project-generated traffic. The SFEIR is not required to evaluate the concerns regarding drive-through restaurants listed in this comment. No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

As identified in the 2019 EIR Chapter 2 Project Description, the project is designed with two main access points, one from Dorsey Drive and one from Spring Hill Drive. The access points for each drive-through restaurant are interior to the project site. This minimizes the potential for vehicle queues at any of the drive-through restaurants to block traffic on public roads. The site design would accommodate drive-through traffic such that it is not expected that these drive-throughs would create hazards or increased frequency of traffic collisions.

The site design also includes sidewalks and crosswalks that provide safe access for pedestrians to all portions of the project site, including the drive-through restaurants. The onsite residential units and shops are all generally less than 1,000 feet from each of the drive-through restaurants, which is considered a walkable distance because it is less than 0.25 miles, and the project would include a bus stop that is located less than 1,000 feet from each drive-through. The mixed-use character of the project and provision of a centrally located bus stop would lessen the degree to which the drive-through restaurants within the project discourage walking and transit use and would not interfere with an individual's choice to walk.

From: Geraldine Kothe
To: Amy Kesler-Wolfson
Subject: dorseymarketplaceprojectSFEIR
Date: Monday, March 18, 2024 1:12:43 PM

> You don't often get email from gerikay14338@gmail.com. Learn why this is important

My name is Geraldine Kothe , I live at 321 Dorsey Dr. I am expressing my disagreement with this marketplace project.It will require leveling that entire woodland area. The noise during construction will be heard by people living nearby. I also think the traffic going in and coming will cause problems.There is a lot of wildlife and birds that call those woods home. I think this will be a monstrous project that will greatly alter the look and feel of Grass Valley.Not to mention the fact that they are building a housing project on the other end of Dorsey Dr. that is going to affect traffic and noise also. I hope people will voice their dislike for this project.Mr. Jeter can do his dirty work somewhere else. This town needs to have some green spaces that unable to be developed . Thank you for letting me express my opinion. H-1

Response to Comment Letter H

Geraldine Kothe
March 18th, 2024

H-1 The comment identifies the commenter's opposition to the project and discusses specific concerns regarding loss of woodland, noise during construction, traffic, wildlife and bird habitat, and aesthetics. The comment mentions a nearby housing project that could also affect traffic and noise.

This comment does not address the accuracy or adequacy of the Dorsey Marketplace Project Supplement to the Final Environmental Impact Report because the Supplement to the Final Environmental Impact Report is not required to address the project's potential effects related to loss of woodland, noise during construction, traffic, wildlife and bird habitat, and aesthetics. No changes or additions to the project description or environmental document are required in response to this comment. The petitioners in the litigation against the City of Grass Valley's April 2020 project approval raised arguments relating to the EIR's adequacy with respect to biological resources, noise, and traffic but did not prevail on those arguments. Additionally, no legal challenge to the Final EIR's aesthetics analysis was brought within the time to challenge the City's certification of that document. The original Final EIR is therefore legally adequate with respect to analysis that was unchallenged or unsuccessfully challenged in those arguments. The only directive from the courts was for the City to complete additional analysis of potential adverse health effects from project-related traffic on future project residents and occupants. This response is provided for information and to be responsive to public concerns.

The 2019 EIR included a thorough analysis of the project's potential impacts related to the topics identified in this comment. The following list identifies the sections of the 2019 EIR sections where each topic mentioned in this comment were evaluated and the key findings of that analysis:

- Loss of woodland was addressed in Chapter 6, Biological Resources. The analysis found that the project would result in the loss of McNabb Cypress woodland and cottonwood forest, which are both considered to be sensitive natural communities, as defined by the California Native Plant Society's Inventory of Rare and Endangered Plants. In Impact 6-2, the 2019 EIR found that the project would result in the loss of all 3.15 acres of McNab cypress woodland and the majority of the 0.62 acres of cottonwood forest currently existing within the project site and found that this impact would be reduced to a less-than-significant level through implementation of Mitigation Measure 6e, which requires that the project applicant provide compensation for the loss of McNab cypress woodland and cottonwood forest from the project site through a combination of on-site replanting and off-site restoration sufficient to ensure no net loss of habitat functions or values.

- Noise during construction was addressed in Chapter 9, Noise. Specifically, Impact 9-4 addresses the potential for the project to create substantial temporary increases in noise levels during project construction. This analysis found that the noise levels during construction would exceed the applicable thresholds but implementation of Mitigation Measure 9d, which includes construction-related noise requirements, would reduce annoyance impacts and ensure that this impact remains less than significant. The petitioners who challenged the 2019 EIR in court raised noise issues, but their arguments were rejected. The Court of Appeal explained as follows:

> The EIR includes extensive background information to help readers assess the significance of the project's expected noise impacts, including a discussion of typical sound levels measured in the environment, existing ambient noise levels in the vicinity of the project, applicable noise level performance standards, and general guidelines for noise sensitivity. Among other things, the EIR explains that normal speech has a sound level of approximately 60 decibels (dB), that a noisy urban daytime area is about 70 dB, that a diesel truck traveling 50 miles per hour from 50 feet away is about 80 dB, that a gas lawn mower from three feet is about 90 dB, and that physical discomfort to humans begins at above approximately 120 dB. Applying the information in the EIR, a reader reasonably could assess the significance of the project's noise impacts. (*Mission Bay Alliance, supra*, 6 Cal.App.5th at pp. 195-196.)
>
> ***
>
> Here, the EIR projected the increase in ambient noise levels from construction at both the nearest noise receptor (30 feet from the site) and the distance of typical noise receptors (100 feet). The EIR disclosed that the average construction noise levels from the project would be from 68 dBA (A-weighted decibels) to 82 dBA Lea (equivalent continuous sound level), which are up to 27 dB above the ambient daytime noise level restriction for fixed source noise levels, and that the maximum noise levels from the project would be from 78 to 92 dBA lea, up to 37 dB above the daytime noise level restriction. Applying the threshold of significance, the EIR concluded that the construction noise impacts were potentially significant. Thus, the City did not use an inappropriate threshold of significance to avoid a finding of potential significance.
>
> To mitigate the potentially significant impacts, the EIR proposed mitigation measure 9d, which includes construction-related noise requirements, such as requiring stationary equipment to be at least 150 feet from construction zone boundaries, "and/or other measures that are demonstrated to be sufficient to ensure that the maximum noise level at the property boundary would remain at or below 90 dB and increases in hourly noise levels at the property boundary would not exceed 10 dBA above the ambient noise level for two or more hours per day." In essence, the City translated the qualitative threshold into a quantitative maximum threshold of 90 dB, with a two-hour incremental threshold of 10 dBA. Substantial evidence supports the City's conclusion that implementation of the mitigation measures will reduce construction noise to a less-than-significant level. Accordingly, we find no prejudicial abuse of discretion in the EIR's analysis of noise impacts.

- The project's impacts associated with traffic and transportation were evaluated in Chapter 8, Transportation. The 2019 EIR found that the project would not result in substantial increases in traffic volumes or congestion on SR 20/49 or City roadways and intersections under existing plus project conditions, and would not create traffic safety hazards, inadequate emergency access, or barriers to pedestrian, bicycle, and public transit modes of transportation. The 2019 EIR requires implementation of Mitigation Measures 8a, 8b, 8e, and 8h to ensure that the project would not result in substantial increases in traffic volumes or congestion on SR 20/49 or City roadways and intersections under cumulative plus project conditions.

- Impacts to wildlife and bird habitat were addressed in Chapter 6, Biological Resources. The analysis found that the project would have less than significant impacts on special status wildlife species as well as sensitive natural communities and wetlands (which often provided habitat for wildlife).

- The project's impacts associated with aesthetics and community character were evaluated in Chapter 5, Aesthetics. The analysis found that the project could result in potentially significant impacts due to changes in views of the project site, but these impacts would be reduced to less-than-significant levels with implementation of Mitigation Measure 5a and that impacts to the visual character of the project area in the cumulative scenario would remain less than significant.

Northern Sierra Air Quality Management District
200 Litton Drive, Suite 320
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(530) 274-9360 / FAX: (530) 274-7546
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NSAQMD – Planning Dept. Date: March 18, 2024

To: City of GV, Amy Wolfson – City Planner
530-274-4711 / Awolfson@cityofgrassvalley.com

Dorsey Marketplace Comments: APN's: 035-260-062, 035-260-077, and 035-260-064

This document acknowledges that the Northern Sierra Air Quality Management District (NSAQMD) has reviewed the Supplement to the Final EIR for the **Dorsey Marketplace** project located south of Dorsey Drive, east of SR 20/49, in Grass Valley, CA.

The NSAQMD is providing the following information in the interest of compliance assistance.

Since this project encompasses 26.8 acres, and is located on mapped ultramafic soils, an NSAQMD approved Asbestos Dust Mitigation Plan (ADMP) is required before soil disturbance commences. CCR Title 17, §93105 (**e**.2.A) of the Asbestos Airborne Toxic Control Measure for Construction, Grading, Quarrying and Surface Mining Operations applies in this case. I-1

> "No person shall engage in any construction or grading operation on property where the area to be disturbed is greater than one (1.0) acre unless: (A) An Asbestos Dust Mitigation Plan for the operation has been: 1. Submitted to and approved by the district before the start of any construction or grading activity…"

It appears that an ADMP has been prepared as part of the Remediation Action Workplan (RAW) but was not part of the currently available project materials on the Grass Valley Active Project webpage. Please submit the ADMP to NSAQMD for approval before any grading permits are issued. The ADMP negates the need for a Dust Control Plan, which would otherwise be required under NSAQMD Rule 226, as an ADMP is more stringent.

As normal residential activities on the site could easily cause naturally occurring asbestos fibers to become airborne if ultramafic material is on the surface, it is appropriate (and widely precedented) for the ADMP to include post construction stabilization methods to be maintained in perpetuity. This is particularly important for the "tot lot" and the dog park areas, where the contact between users and the soil will be more intensive. I-2

Please note that under regulations of the California Department of Real Estate, the presence of environmental hazards, including asbestos, must be disclosed by a property seller during the real estate transaction process. In the interest of public health, the District recommends that all prospective residents (buyers and renters) shall be clearly made aware that the property is located on serpentinite which has been tested and found to contain naturally occurring asbestos. The NSAQMD feels that with this knowledge, site users will tend to be careful to minimize dust emissions from daily activities. I-3

Additionally, if any ultramafic material or material containing serpentinite is being used in surfacing applications, the Asbestos ATCM for Surfacing Applications (CCR Title 17, §93106) shall be consulted for applicability. Also, if any material containing 1% or more friable asbestos (technically a "hazardous material") is to be transported, CCR Title 22 applies, and proper I-4

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handling procedures must be followed. Furthermore, Cal-OSHA regulations require hazard communication plans including signage and postings at job sites. The District requires compliance with Cal-OSHA regulations. Contact Cal-OSHA at (800)963-9424 for information. I-4 Cont.

For future reference, the air quality mitigation measure on page 1-5 to 1-6 "two apartment buildings separated by a drive aisle and parking spaces" which "creates an open area between the buildings that allows for air flow to disperse pollutants" is not valid. The quoted mitigation measures, from the CARB document Strategies to Reduce Air Pollution Exposure Near High-Volume Roadways, are intended for pollutant dispersion in urban street canyons, which is not applicable in this case. The buildings on either side of Highway 20/49 do not constitute an urban street canyon. Additionally, the creation of a street canyon perpendicular to the "street canyon" in question would simply move the problem to an adjacent set of residences. A more effective air quality mitigation measure would be to eliminate one or more of the three drive through facilities at the property. Drive throughs encourage additional car use, discourage pedestrian connectivity, promote idling, and exacerbate traffic congestion, all of which are detrimental to air quality. I-5

If future retail or commercial tenants require the use of diesel generators greater than 49 hp, NSAQMD permits will be required. And finally, if any commercial tenants will use toxic air contaminant substances, there will be supplementary NSAQMD reporting and permitting requirements. I-6

Sincerely,

Julie D Hunter

Julie Hunter
Air Pollution Control Officer

Submitted by Suzie Tarnay APCS I / NSAQMD – (530) 274-9360 x505

Response to Comment Letter I

Northern Sierra Air Quality Management District
Julie Hunter
March 18th, 2024

I-1 The comment notes that ultramafic soils have been mapped within the project site and thus an Asbestos Dust Mitigation Plan (ADMP) must be approved by the Northern Sierra Air Quality Management District (NSAQMD) prior to any soil disturbance on the site. The comment also notes that it appears an ADMP was prepared as part of the Remediation Action Workplan (RAW) prepared for the site, but the ADMP was not available online. The comment states that the ADMP must be provided to NSAQMD prior to issuance of any grading permits and notes that a Dust Control Plan would not be required.

The comment does not address the accuracy or adequacy of the Dorsey Marketplace Project Supplement to the Final Environmental Impact Report (SFEIR) analysis of the potential for the project to cause or exacerbate the risks for adverse health effects on project residents and occupants due to exposure to air pollutants associated with project-generated traffic. The SFEIR is not required to address issues related to asbestos and dust management. The petitioners in the litigation against the City of Grass Valley's April 2020 project approval raised arguments relating to the EIR's adequacy with respect to asbestos and dust management during project construction but did not prevail on those arguments. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on future project residents and occupants. No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

The Final EIR, on pages 2-294 and 2-295, explained that the presence of naturally occurring asbestos (NOA) "has been confirmed as reflected in the Remediation Action Workplan (RAW, Draft EIR Appendix J-3A) that was prepared for the project site and has been approved by the California Department of Toxic Substances Control (DTSC)," the ADMP "reflects the NSAQMD's standard approach and conditions for construction activity where NOA is likely to occur." and that the project would be required to implement the ADMP that is included in the RAW. The RAW, on page 18, states that the Dust Mitigation Plan included in the RAW addresses NSAQMD Rule 226, which requires that a dust control plan be prepared for construction activity disturbing over one acre of land. The RAW also identifies that implementation of an ADMP is required under the California Environmental Protection Agency Air Resources Board Regulation 93105, Asbestos Airborne Toxic Control Measure for Construction, Grading, Quarrying, and Surface Mining Operations (Construction ATCM). Section (e) of the Construction ATCM requires air district approval of the ADMP.

The Draft EIR, on page 15-18, explains that mechanical soil disturbance, such as site clearing, excavation, grading, underground utility work, transportation, and disposal activities, could disrupt asbestos-containing soil, and health hazards could occur if NOA becomes airborne. The potential for NOA to become airborne would be controlled through implementation of the ADMP included in the RAW, consistent with the requirements of NSAQMD and the Construction ATCM. The Draft EIR explains that the ADMP "outlines engineering controls that must be used on site to reduce the risk of release of metals and NOA fibers into the environment during site clearing, excavation, grading, underground utility work, transportation, and disposal activities."

The RAW acknowledges section 93105 of Title 17 of the California Code of Regulations, which, as the commenter notes, requires air district approvals of ADMPs. As required by Section 25356.1 of the California Health and Safety Code, DTSC circulated the RAW for a 30-day public comment period from August 8, 2013, to September 9, 2013. At that time, NSAQMD would have had an opportunity for input on the Dust Mitigation Plan included in the RAW.

Pursuant to approved Mitigation Measures 10a and 15a and the accompanying provisions of the Mitigation Monitoring and Reporting Program for the project, the City may not approve grading permits for the project until, among many other things, the applicant has implemented the RAW as approved by DTSC. Each of these measures further provide that "[t]hroughout all activities conducted in implementation of the RAW, contractors must adhere to each component of the RAW, including, but not limited to the Site Safety Plan and the Asbestos Dust Mitigation Plan."

Pursuant to the Construction ATCM Section (e), the City will not issue any grading permits without verification that NSAQMD has approved the ADMP. As discussed in the 2019 EIR, Chapter 15, Hazards and Hazardous Materials, if NOA is identified during earthwork, NSAQMD must be notified no later than the following business day and compliance with the Construction ATCM would be required.

I-2 The comment states that the ADMP should include post construction stabilization methods that would be maintained in perpetuity to ensure that ultramafic material is not present at the surface level, particularly for the "tot lot" and the dog park area.

The comment does not address the accuracy or adequacy of the SFEIR analysis because the SFEIR is not required to address issues related to asbestos and dust management. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on future project residents and occupants. No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

As discussed in Response to Comment I-1, the project is subject to the requirements of the ATCM. Section (4)(G) of the Construction ATCM requires that the ADMP include one or more of the post construction stabilization methods identified in the Construction ATCM. Regarding surfacing materials, the project is also required to comply with the statewide Asbestos Airborne Toxic Control Measure for Surfacing Applications (Surfacing ATCM, found in California Code of Regulations Title 17), which prohibits the use of material containing 0.25% asbestos or greater for surfacing of areas such as trails, pedestrian walkways, and roads.

I-3 The comment states that regulations of the California Department of Real Estate require disclosure of environmental hazards, including the presence of asbestos, during the real estate transaction process. The comment recommends that all site occupants, including renters, be "clearly made aware that the property is located on serpentinite which has been tested and found to contain naturally-occurring asbestos." The comment suggests that such knowledge will encourage site users to be careful to minimize dust emissions.

The comment does not address the accuracy or adequacy of the SFEIR because the SFEIR is not required to address issues related to asbestos and disclosures during real estate transactions. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on future project residents and occupants. No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

As noted in the comment, state law requires that property owners receive disclosure notice of the potential for NOA to be present.

I-4 The comment states that use of any ultramafic material or material containing serpentinite may require compliance with the Surfacing ATCM. The comment notes that any material containing 1% or more friable asbestos meets the definition of a hazardous material and California Code of Regulations Title 22 applies to the transport and handling of such material. The comment also identifies that Cal-OSHA regulations require that hazard communication plans be prepared and implemented at a project site where such materials are used and that NSAQMD requires compliance with Cal-OSHA regulations.

The comment does not address the accuracy or adequacy of the SFEIR analysis because SFEIR is not required to address issues related to asbestos. No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

The project would comply with current state and local environmental regulations. As discussed in Response to Comment I-1, the RAW confirms the presence of NOA at the project site and thus the project is subject to the Construction ATCM, which requires air district approval of the ADMP.

As discussed in Response to Comment I-2, the project is also subject to the Surfacing ATCM, which prohibits the use of material containing 0.25% asbestos or greater for surfacing of areas such as trails, pedestrian walkways, and roads.

I-5 The comment advises the City that, for future reference, the statement on pages 1-5 and 1-6 regarding separation between apartment buildings allowing for dispersal of air pollutants is not valid because there are no urban street canyons in the project vicinity and the project would not create such conditions. The comment states that eliminating one or more of the drive-through restaurants would be a more effective air quality mitigation measure.

The statement referenced in this comment was not identified in the SFEIR or the 2019 EIR as a mitigation measure. The 2019 EIR found that project operation, including the drive-through restaurants, would results in less-than-significant air quality impacts because emissions would remain below NSAQMD's adopted thresholds with implementation of Mitigation Measures 10a and 10b which would reduce emissions from construction and operations. Mitigation Measure 10b requires several design features that would serve to reduce operational air pollutant emissions, including providing adequate pedestrian and transit improvements to encourage reduced reliance on automobiles. There is no significant impact that could be reduced or avoided with elimination of one or more of the drive-through restaurants.

Nor does the SFEIR, to which the comment is addressed, find a significant environmental effect that would trigger mitigation under CEQA. Regardless of the effectiveness of the apartment buildings in creating open space allowing for air flow to disperse pollutants, the SFEIR did not propose any additional mitigation measures, as none was required. There is no need under CEQA to disallow drive-through restaurants within the project site. Impacts will remain less-than-significant even with drive-through restaurants.

I-6 The comment states that if future tenants require use of diesel generators greater than 49 horsepower and/or use of toxic air contaminant substances, additional NSAQMD permitting and reporting requirements will be applicable.

The comment does not address the accuracy or adequacy of the SFEIR because the SFEIR is not required to address issues related to air quality impacts associated with the potential use of diesel generators. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on future project residents and occupants. No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

No specific future tenants have been identified and the City will not be party to any tenant agreements. Future NSAQMD permitting and reporting requirements will be the responsibility of individual businesses that may occupy the project site. The City assumes that any business that requires the use of generators greater than 49 horsepower will comply with the adopted regulations by submitting to NSAQMD the appropriate applications such as the Permit Application Form and/or the Internal Combustion Engine Supplemental form.

From: Steve Smith
To: Amy Kesler-Wolfson
Subject: Dorsey Marketplace Project SFEIR
Date: Thursday, March 7, 2024 9:39:03 AM

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Amy,

Thank You for being open for communication to support or voice concerns regarding the Dorsey Marketplace Project. I realize there may be some sales tax / employment benefits to the commercial side however the larger box sized space may only take sales tax / employment from one local business to another. Currently with Target, Big 5 and many grocery store options this seems to not bring much value to the community. Amazon has really impacted the brick and mortar stores and those sales tax revenues will continue to support Nevada County J-1

The value of this project is the residential units which are much needed along with the smaller professional office spaces. I would support this project if additional residential spaces were added in lieu of the larger box footprint. J-2

Thanks for hearing me out.

Steve Smith

--
Steve

Response to Comment Letter J

Steve Smith
March 7th, 2024

J-1 The comment identifies concern regarding effects on local businesses and the community from potential tenants of the project's largest commercial space.

The comment does not address the accuracy or adequacy of the Dorsey Marketplace Project Supplement to the Final Environmental Impact Report because the Supplement to the Final Environmental Impact Report is not required to evaluate potential effects on existing retail businesses or the local economy. As discussed in Response to Comment D-7, the procedural remedy resulting from the litigation over the City's April 2020 project approvals does not require the City Council to reconsider the merits of the project. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on future project residents and occupants. No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

The 2019 EIR included analysis of the project's potential to draw customers from other retail areas around the city, such as downtown, which could result in a degradation of visual character in the older retail areas. The Urban Decay analysis presented in 2019 EIR Chapter 5, Aesthetics, was based on the Dorsey Marketplace Economic Analysis included in the 2019 EIR as Appendix D. The economic analysis and EIR found that "roughly $150 million in existing retail spending is spent outside of the western Nevada County market area (in the combined comparison and eating and drinking out categories)" and the project "could recapture some of that retail leakage spent outside of the county and would not depend on taking business from existing retail establishments in Grass Valley. Therefore, the proposed project would not be expected to decrease economic activity in downtown or other parts of Grass Valley and thus would not lead to urban decay associated with commercial buildings becoming vacant and owners deferring maintenance on such buildings."

J-2 The comment identifies support for the residential and professional office spaces within the project and states that the commenter would support the project if it included more residential space.

This comment does not address the accuracy or adequacy of the SFEIR or the project's environmental effects. No response is required.

From: Leslie Warren
To: Amy Kesler-Wolfson
Subject: Dorsey Marketplace
Date: Thursday, March 7, 2024 7:44:20 PM

You don't often get email from lesliewarren52@gmail.com. Learn why this is important

Thank you for sharing my comments on the supplemental EIR for the Dorsey Marketplace project with members of the CIty Council.

I feel that the Supplemental EIR is inadequate because it fails to address three things:

1.Big Box Stores

The developer proposes to provide several commercial "pads" of sufficient size to accommodate big box stores which tend to undercut price points of smaller merchants and lead to the loss of small merchants which are so important to the tourist economy that in large part supports employment and economic stability in Grass Valley. Additionally, big box stores will diminish the unique character of Grass Valley , characteristics that make it a wonderful place to live and raise a family (or retire) and further push us toward "everywhere'sville". The parking that bix box stores require in order to sign a lease is typically far in excess of the building code - because these stores want believe excess parking attracts shoppers. That may be the case but it also create heat islands, visual blights and a diminution of character that is so important to Grass Valley's economic health. I believe the SEIR is inadequate because it fails to consider these important issues.

K-1

K-2

2. Remote work

The developer proposes many thousands of sq. ft. of office space. The SEIR fails to consider how a glut of new office space will affect leasing rates at existing offices spaces - many if which will be unable to compete with a new space by virtue of the fact that they are older. The new office space will drive existing office spaces into obsolescence, create financial duress for owners and create blight in Grass Valley which will affect adjoining businesses and neighborhoods. Syphoning off is likely the only way that the new office space will be filled as remote work for office workers is the overwhelming trend today and for the future. The SEIR fails to adequately evaluate - and a private independent economics consultant with a regional business perspective would likely be the appropriate firm to evaluate these marketplace realities in a rapidly changing office rental environment.

K-3

3. Growth Inducement and the jobs housing balance

In general the SEIR is inadequate because it fails to consider the growth inducing

K-4

impacts of the commercial, residential, and office aspects individually and collectively. K-4 Cont.

Additionally the SEIR fails to consider the impacts of the project's jobs-housing imbalance. The project aims to provide an abundance of entry level jobs without providing housing at a price point affordable to entry level workers. This will create a demand for lower cost housing which because of its scarcity in Grass Valley will become more costly - simply by virtue of supply and demand. K-5

A smart growth project provides housing stock for a jobs-housing balance. This refers to how many jobs there are per dwelling unit within a given area. If the jobs-housing balance is too high, there are many more jobs than housing units. As a result, adequate housing may be unaffordable or unavailable to workers in an area, leading to issues such as housing unaffordability and traffic congestion from in-commuting workers. If the housing-jbs balance is too low, this may indicate too few jobs locally and a housing oversupply. Over time housing in this environment is left vacant and turns derelict. The ideal ratio for the greater Sacramento Area, of which Grass Valley is a part, is 1 dwelling unit for every 2 jobs. The SEIR fails to provide any data regarding the jobs housing balance, nor is the project itself planned within smart growth principles . K-6

For the jobs housing balance to function properly, the types of houses must be appropriate for the income of workers in the local area. These issues were not considered adequately in the SEIR. Further, K-7

growth inducement in and of itself will have wide impacts. The growth inducing aspects of the project should be considered in light of the City's General Plan and policies - including its consistency with quality of character, school facilities, child care, environmental , traffic, air quality,and social factors; in additon to the potential loss of Grass Valley's unique small town character and the implications for existing residents and the tourist economy. K-8

The SEIR must consider if the Dorsey Marketplace project has an acceptable jobs-housing ratio by considering:
Nevada County average wages
Grass Valley average wages
Affordable housing price by wage sector
Project sector job count
Affordable for sale and rental home price for the project
Dorsey Marketplace jobs and dwelling units by income group

The SEIR does not provide supported statistical and economic data necessary to determine if the Dorsey Marketplace will be a vibrant, walkable, mixed use project meeting the needs of workers or a growth traffic inducing project that is K-9

incompatible with Grass Valley's vision for itself. Now is the time to work toward climate resilience and to meet housing affordability measures for workers so that they need not commute.

I hope that the CIty Council will direct the developer to redesign the Dorsey Marketplace project in light of these important issues and most importantly to ensure that housing types relate to the spectrum of jobs anticipated to avoid disadvantaging particular income groups. It is also important that decision makers consider the impacts of the project on quality of life and climate.

K-9 Cont.

Thank you for the opportunity to comment.

Leslie Warren

Response to Comment Letter K

Leslie Warren
March 7th, 2024

K-1 The comment states that the SFEIR is inadequate because it fails to address the potential for retail businesses that occupy the project's larger commercial spaces to lead to closure of smaller local retail stores, which are important to the local economy.

The comment does not address the accuracy or adequacy of the Dorsey Marketplace Project Supplement to the Final Environmental Impact Report (SFEIR) because the SFEIR is not required to evaluate potential effects on existing retail businesses or the local economy. As discussed in Response to Comment D-7, the procedural remedy resulting from the litigation over the City's April 2020 project approvals does not require the City Council to reconsider the merits of the project. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on future project residents and occupants. No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

As discussed in Response to Comments D-7 and J-1, the 2019 EIR included analysis of the project's potential to cause urban decay by leading to decreased economic activity in existing commercial areas and found that the project could capture some of the retail spending that currently occurs outside of the western Nevada County market area such that the project "would not depend on taking business from existing retail establishments in Grass Valley" and "would not lead to urban decay associated with commercial buildings becoming vacant and owners deferring maintenance on such buildings."

K-2 The comment states that the SFEIR is inadequate because it fails to address the aesthetic impacts of 'big box stores' which diminish the community character and require extensive parking that causes heat island effects and blight.

The comment does not address the accuracy or adequacy of the SFEIR because the SFEIR is not required to evaluate the community character, aesthetics, and heat island concerns raised in this comment. No legal challenges to the Final EIR's analysis regarding community character and aesthetics or the lack of analysis regarding heat islands were brought within the time to challenge the City's certification of that document. The original Final EIR is therefore legally adequate with respect to analysis that was unchallenged or unsuccessfully challenged in those arguments. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on future project residents and occupants. This response is provided for information and to be responsive to public concerns.

Chapter 5, of the 2019 EIR included a thorough analysis of the project's potential impacts related to aesthetics and community character. The analysis found that the project would result in potentially significant impacts due to the loss of vegetation on the site. The EIR notes that many of the onsite trees would need to be removed in order to complete the excavation and soil remediation that is necessary to address soil contamination from the prior mining activities at the site. The EIR notes that in compliance with the City's Tree Preservation Ordinance, the project would be required to plant a replacement tree onsite for each tree removed. The project's landscaping plans include the required

replacement trees. They also incorporate a variety of plant types and sizes to provide year-round color and screening. The EIR found that "Once matured, the perimeter landscaping would help screen views of the proposed development, while trees planted within the parking lots and along circulation routes would be visible between and over the tops of the proposed buildings." Further, the EIR requires implementation of Mitigation Measure 5a, which establishes standards for the project site landscaping, including use of landscaping to "providing visual screening of large walls, loading docks, and parking areas."

K-3 The comment states that the SFEIR does not consider how more office space will affect leasing prices at existing office spaces and anticipates that older existing office spaces will be left vacant, which could lead to blight that may affect other nearby businesses and neighborhoods. The comment notes that remote work is the "overwhelming trend today and for the future" and thus the new office space developed as part of the project would draw tenants away from existing office space.

The comment does not address the accuracy or adequacy of the SFEIR because the SFEIR is not required to evaluate the demand for office space or the project's potential economic effects on existing office space. As explained above in the Response to Comment K-1, the courts have not required the City Council to reconsider the merits of its decision to approve the project in April 2020. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on future project residents and occupants. This response is provided for information and to be responsive to public concerns.

The project would develop 8,500 square feet of office space within a mixed-use community that would also include 104,350 square feet of commercial space and 171 residences. The comment is correct that there has been an increase in the number of people who work remotely for all or a portion of their work hours, and this has reduced the overall demand for office space. However, there are many individuals and businesses that continue to require office space. The Grass Valley General Plan found that there would be ongoing demand for new office space to meet increased demands for "medical services, professional services (engineering, legal) and business support services" and for "small office-space leasing, to accommodate numerous small business operations," while recognizing that some of the demand for small office spaces would be "somewhat tempered by in-home business boom" (City of Grass Valley 1999). Although this analysis was prepared prior to the Covid-19 pandemic and the current trend towards remote work, the demand for medical and professional services is still present. The additional of 8,500 square feet of office space along with the increased local economic activity that the new commercial space is expected to substantially alter the office real estate market in the City. Regardless of the General Plan and zoning designations on the project site, investors will not make the expenditures needed to construct office space in the absence of any perceived demand for such a use. If, in the future, the property owner seeks changes in these designations, a public process with public input will ensue.

K-4 The comment states that the SFEIR is inadequate because it does not evaluate the project's potential effects related to growth inducement and the jobs-housing balance.

The comment does not address the accuracy or adequacy of the SFEIR because the SFEIR is not required to evaluate growth inducement or the jobs-housing balance. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on

future project residents and occupants. This response is provided for information and to be responsive to public concerns.

Growth inducement and the jobs-housing balance was evaluated in the 2019 EIR Chapter 4, Population, Employment, and Housing. The analysis found that the project would increase the City's population by approximately 2.7% and that this growth "would not result in the City exceeding historic average growth rate or reaching a total population that is greater than the estimated population range in the City's General Plan." The Dorsey Marketplace Economic Analysis provided as Appendix D to the 2019 EIR projected that the project could generate between 170 and 190 jobs within the commercial, retail and office uses within the project site. The EIR also found that the infrastructure improvements constructed as part of the project "would only support the project and would not support additional development or growth outside of the city boundary."

The 2019 EIR concluded that the residential and employment growth supported by the project "would be consistent with the growth anticipated by and accounted for in the General Plan. The project would support the City's growth and economic development goals by generating new employment, shopping, and housing opportunities."

K-5 The comment states that the project would provide entry level jobs without providing housing that is affordable to entry level workers, which will increase demand and costs for the limited amount of lower cost housing that is available in the community.

The comment does not address the accuracy or adequacy of the SFEIR because the SFEIR is not required to evaluate jobs-housing balance and housing affordability. The only directive from the courts was to complete additional of potential adverse health effects of project-related traffic on future project residents and occupants. This response is provided for information and to be responsive to public concerns.

Housing affordability is evaluated in the 2019 EIR as Impact 4-3. The analysis found that the project "could satisfy a portion of the City's need for 100 moderate and 220 above-moderate income housing units and may contribute to meeting the City's need for low-income units but would not contribute to filling the City's need for very low-income units." It also found that "while some of the individuals that work in the lower pay range jobs available at the project site may have incomes at the moderate and low ranges, it is not expected that the majority of the jobs generated on site would add to the City's demand for affordable housing."

K-6 The comment states a "smart growth project provides housing stock for a jobs-housing balance" and identifies adverse conditions that may arise when there is not a good balance between jobs and housing, including increased housing costs when there are more jobs than housing units and increased commuting time and distances if there are too few jobs locally. The comment asserts that the ideal ratio is one dwelling unit for every two jobs. The comment states that the SFEIR does not address or provide any data on the balance of housing and jobs and that the project was not planned with smart growth principles in mind.

The comment does not address the accuracy or adequacy of the SFEIR because the SFEIR is not required to evaluate jobs-housing balance and housing affordability. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on

future project residents and occupants. This response is provided for information and to be responsive to public concerns.

As noted in Responses to Comments K-4 and K-5, the 2019 EIR Chapter 4 addresses the project's contribution to employment and housing within the City. The analysis in Impact 4-1 finds that the project would generate between 170 and 190 jobs. The project includes 171 dwelling units; thus Impact 4-3 identifies that the project would result in a 1:1 jobs-housing ratio. The 2019 EIR found that the project "would support the City's growth and economic development goals by generating new employment, shopping, and housing opportunities."

Further, development of both residential and non-residential land uses on this infill site is consistent with the General Plan, which states "It is realistic to expect infill development to accommodate about one-third of new housing in the Planning Area, including the City in the next 20 years. Depending on market factors, infill may be able to provide a larger percentage of non-residential development, but by no means will it be able to meet the total commercial and industrial land demand" (City of Grass Valley 1999). The 2019 EIR found that the project would provide commercial, residential and office infill development, "consistent with the policies included in the City's General Plan, such as LUP-8, -9, and -23, which encourage and facilitate mixed-use development on fill sites and provide for higher residential densities on infill sites.

K-7 The comment states that to support a jobs-housing balance, the available housing options must be applicable to the income earned by local workers, and that the SFEIR does not address this topic.

The comment does not address the accuracy or adequacy of the SFEIR because the SFEIR is not required to evaluate jobs-housing balance and housing affordability. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on future project residents and occupants. This response is provided for information and to be responsive to public concerns.

The 2019 EIR states that the project would "provide 171 dwelling units consisting of 38 three-bedroom units, 95 two-bedroom units, and 38 one-bedroom units. All units would be market-rate and would range in size from 1,013 to 1,600 square feet." As noted in Response to Comment K-5, the 2019 EIR found that the project would provide a portion of the moderate and above-moderate income housing units needed in the City and that the commercial jobs available at the project site are expected to provide incomes at the moderate and low ranges. The EIR also found that "the office jobs would be likely to be at higher pay ranges than the commercial and retail jobs." The residences at the project site would contribute to the City's housing stock and would provide housing options that are expected to be affordable for a large portion of the employment base that would be supported by the project.

K-8 The comment states that the growth inducing aspects of the Project should be considered in relation to the City's General Plan policies, such as "quality of character, school facilities, childcare, environmental, traffic, air quality, and social factors". The comment also states that Grass Valley's unique character, the tourist economy, and the current residents should be further considered.

The comment does not address the accuracy or adequacy of the SFEIR because the SFEIR is not required to evaluate growth inducement, community character, schools and childcare, traffic, and social factors. It is also not required to evaluate the project's effects on local and regional air quality

associated with operational air pollutant emissions outside of the Health Risk Assessment presented in the SFEIR. This response is provided for information and to be responsive to public concerns.

As stated in Response to Comment K-4, the 2019 EIR evaluated growth inducement Chapter 4, Population, Employment, and Housing. The analysis found that the project is not considered growth inducing because the residential and employment growth supported by the project "would be consistent with the growth anticipated by and accounted for in the General Plan. The project would support the City's growth and economic development goals by generating new employment, shopping, and housing opportunities."

The 2019 EIR also addresses the other environmental topics raised in this comment. Community character is addressed in Chapter 5, Aesthetics; schools are addressed in Chapter 14, Public Services and Utilities, traffic is addressed in Chapter 8, Transportation, and air quality is addressed in Chapter 10, Air Quality. As noted in chapter 4, social and economic effects and are not considered physical effects on the environment.

K-9 The comment states that the SFEIR should evaluate the project's jobs housing ratio by analyzing the average wages in Nevada County and in Grass Valley, the affordable housing price by wage sector, the job count in the Project area, the prices of the project's residential units, and the project's "jobs and dwelling units by income group." The comment notes that the SFEIR does not provide the statistical and economic data necessary to determine if the Project would be a "vibrant, walkable, mixed-use project" that meets the needs of workers or a "growth traffic inducing project that is incompatible with Grass Valley's vision for itself." The comment advocates working towards climate resilience and affordable housing for workers to limit commuting. The comment suggests the project should be redesigned to provide a better jobs-housing balance, and that decision makers should consider the impacts of the Project on quality of life and climate.

The comment does not address the accuracy or adequacy of the SFEIR because the SFEIR is not required to evaluate the project's jobs-housing ratio or growth inducement. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on future project residents and occupants. This response is provided for information and to be responsive to public concerns.

As stated in Response to Comment K-4, the 2019 EIR evaluated growth inducement Chapter 4, Population, Employment, and Housing. The analysis found that the project is not considered growth inducing because the residential and employment growth supported by the project "would be consistent with the growth anticipated by and accounted for in the General Plan. The project would support the City's growth and economic development goals by generating new employment, shopping, and housing opportunities." As discussed in Responses to Comments K-5 and K-7, the project is expected to contribute positively towards the overall jobs-housing balance in the City because residences at the project site would provide housing options that are expected to be affordable for a large portion of the employment base that would be supported by the project.

Amy Kesler-Wolfson

From: wigwamchip@gmail.com
Sent: Tuesday, March 12, 2024 6:51 AM
To: Amy Kesler-Wolfson
Subject: Dorsey Development
Attachments: PUBLIC HAS TWO WEEKS.docx

> You don't often get email from wigwamchip@gmail.com. Learn why this is important

Please don't okay this development. If you do, you will have to come back to us to raise taxes for a future sewerage treatment plant. And Bullards Bar Reservoir will not be enough to support the water it will need. L-1

Charles Wilder
Grass Valley

From the Union article 3/6/24: Public has less than two weeks to review environmental studies for mixed-use development. (LTE or Other Voices?)

The saying "like a bad penny" here comes the developer again telling us the merits of turning the Dorsey interchange into another "opportunity" for our community. There will be 172 multi-family dwelling units, 8,500 square feet of office space, and 104,350 square feet of commercial uses. 3 additional drive through slabs for more fast food "In addition to the $200-plus million in local sales being lost 'down the hill' each year, local job opportunities are also being lost…It's estimated 400 to 450 new local jobs will be generated at the Dorsey Marketplace." L-2

Taking the language about "sales being lost down the hill", and "400 to 450 new jobs will be created" according to the developer. What? At least half of those jobs will disappear when the construction of this development is complete. With the cost of fuel, less and less foothills shoppers go "down the hill". More and more that means their money stays here!

But the main concern should be where our city engineers stand. Where are those guys? With the Loma Rica development going full throttle, and now this, where does the water come from and where does the sewage go? Shouldn't one or more city engineers in Grass Valley and Nevada City have a say in the impact it could mean for the town's infrastructure? Wouldn't adding 1000 new toilets and sinks dramatically impact the already fragile balance regarding our precious resources? Or---- a few years from now will we be faced with enlarging the existing sewage treatment plant? And revisiting water distribution and the cost of serving folks who are already facing higher and higher costs for electricity. L-3

At this point wouldn't it be cheaper to just buy the developer a yacht, and send ***him*** "down the hill"?

Charles Wilder
Grass Valley

Response to Comment Letter L

Charles Wilder
March 12th, 2024

L-1 The comment states that if the proposed development is approved, then the public will be taxed for a future sewerage treatment plant and that Bullards Bar Reservoir will not be sufficient to meet the project's water demands.

This comment does not address the accuracy or adequacy of the Dorsey Marketplace Project Supplement to the Final Environmental Impact Report (SFEIR) because the SFEIR is not required to address the project's water and wastewater treatment demands. The petitioners in the litigation against the City of Grass Valley's April 2020 project approval raised arguments relating to the EIR's adequacy with respect to water supply and wastewater treatment demand but did not prevail on those arguments. The only directive from the courts was for the City to complete additional analysis of potential adverse health effects from project-related traffic on future project residents and occupants. No changes or additions to the project description or environmental document are required in response to this comment. This response is provided for information and to be responsive to public concerns.

The 2019 EIR included a thorough analysis of the project's potential impacts related to water supply and wastewater treatment in Chapter 14, Public Services and Utilities. The project site is within the Nevada Irrigation District (NID) service area for water supply. The EIR found that the project's water demand would not exceed NID's projected water supplies as identified in NID's Urban Water Management Plan, and that "NID has sufficient water supplies to meet the anticipated future water demands in normal, single dry year, and multiple dry year conditions" through 2040. As noted above, the petitioners who challenged the City's April 2020 project approvals argued in court that the water supply analysis in the EIR was inadequate, but those arguments were unsuccessful. The Court of Appeal reasoned in part as follows:

> Plaintiffs argue that the EIR's water supply analysis is inadequate because it (1) fails to demonstrate there is adequate supply to meet future demand; and (2) fails to analyze the likely environmental effects of securing additional water supplies to meet future demand. We disagree.
>
> The EIR relied on existing and recently adopted water conservation plans and standards to conclude that water demand would be reduced adequately to avoid water shortages in future dry years. The EIR also noted that the anticipated water demand from the proposed project would not substantially exceed that assumed under the NID's urban water management plan. There is substantial evidence to support the EIR's conclusion.
>
> The present situation is unlike that in *Santa Clarita Organization for Planning the Environment v. County of Los Angeles* (2003) 106 Cal.App.4th 715, 721-722, where the lead agency relied on illusory "paper water." Here, the EIR properly concluded that, with conservation efforts, there is a reliable water supply, and the proposed project would not alter the water supply and demand projections or make a substantial contribution to any potential water shortages in the cumulative scenario. As a result, there was no requirement for the EIR to discuss possible alternative sources and their impacts. (*Vineyard Area Citizens for Responsible Growth, Inc. v. City of Rancho Cordova*

> (2007) 40 Cal.4th 412, 432; see *Ocean Street, supra*, 73 Cal.App.5th at pp. 1019-1021 [upholding conclusion that project's contribution was not cumulatively considerable because the project implemented and funded system improvements and conservation measures to reduce water supply demand].) The EIR's water supply analysis was adequate.

The project would be served by the Grass Valley Wastewater Treatment Plant (WWTP). The EIR found that the WWTP has sufficient capacity to treat wastewater generated at the project site. The Sewer Capacity Assessment for the project, which was provided as Appendix L to the 2019 EIR, found that "the addition of the proposed project is not expected to cause any new sewer segments to exceed capacity of the infrastructure." The EIR concluded that the project's impacts related to wastewater generation would be less than significant because the "project would not exceed existing treatment, collection, and disposal facilities, resulting in the need for expansion or new wastewater infrastructure."

L-2 The comment quotes an article published in The Union on March 6, 2024. The comment summarizes the project components and references a 2015 quote from the project developer regarding the loss of local sales and job opportunities and the project's anticipated ability to create 400 to 450 new local jobs. The comment states that half of these new jobs would end once construction is complete and that fuel prices have reduced the extent to which retail sales occur outside of the City.

This comment does not address the accuracy or adequacy of the SFEIR because the SFEIR is not required to address the project's effects on the local economy. The procedural remedy resulting from the litigation over the City's April 2020 project approvals does not require the City Council to reconsider the merits of the project. The only directive from the courts was for the City to complete additional analysis of potential adverse health effects from project-related traffic on future project residents and occupants. This response is provided for information and to be responsive to public concerns.

As noted in Response to Comment K-4, the Dorsey Marketplace Economic Analysis provided as Appendix D to the 2019 EIR projected that the project could generate between 170 and 190 permanent jobs within the commercial, retail and office uses within the project site.

As discussed in Response to Comment D-7, the Dorsey Marketplace Economic Analysis found that there was "roughly $150 million in existing retail spending leakage from the western Nevada County market area" while the project would generate approximately $32 to $36 million in sales, representing about 23% of existing retail leakage. Thus, despite recent changes in retail and commercial sales conditions, it is expected that there is sufficient retail sales activity in the western Nevada County market area to support the proposed project without putting substantial additional pressure on existing local businesses.

Although the amount of spending outside of the region may have decreased due to increased fuel prices, it is expected that there is sufficient retail sales activity that occurs outside of the western Nevada County market area that the project would be capable of capturing some of this activity without putting substantial additional pressure on existing local businesses.

L-3 The comment states that the main concern is how the project would affect water supply and wastewater conveyance and treatment for the community.

This comment does not address the accuracy or adequacy of the SFEIR because the SFEIR is not required to address the project's water and wastewater treatment demands. The only directive from the courts was to complete additional analysis of potential adverse health effects of project-related traffic on future project residents and occupants. This response is provided for information and to be responsive to public concerns.

As discussed in Response to Comment L-1, the 2019 EIR found that there is adequate water supply and wastewater treatment and conveyance capacity to serve the project. This conclusion was upheld by both the Nevada County Superior Court and the Court of Appeal.

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exposure and therefore health risk, although it is difficult to quantify the uncertainties associated with all the assumptions made in the HRA.

2.4 Impact Analysis

Impact 2.4.1 Would the project expose sensitive receptors to substantial pollutant concentrations?

Health Impacts of Operational Toxic Air Contaminants

Based on the 30-year exposure scenario, the MEIR for cancer risk would be at the Golden Empire Nursing and Rehab Center which is adjacent to SR 20/49, located north of the Project site. The results of the HRA for each of the proposed scenarios (baseline, baseline + Project with 100% ADT added to SR 20/49, baseline + Project with 20% of ADT added to SR 20/49,cumulative 2035, cumulative 2035 + Project with 100% ADT added to SR 20/49, and cumulative + Project with 20% of ADT added to SR 20/49) are summarized in Tables 2-6 and 2-7, below. The results based on the assumption that 100% of the project-generated ADT (approximately 8,873 vehicle trips) would be added to SR 20/49 represents a worst-case scenario while the results based on the assumption that 20% of the project-generated ADT (approximately 1,775 vehicle trips) reflects the trip distribution analysis presented in the Transportation Impact Analysis Report prepared for the project, which was provided in Appendix G of the 2019 Draft EIR.

Table 2-6. Summary of Maximum Cancer and Chronic Health Risks and $PM_{2.5}$ Concentrations (Baseline Scenario)

Impact Parameter	Units	Risk	CEQA Threshold	Level of Significance
Baseline				
Cancer Risk	Per Million	22.02	10	Potentially Significant
Chronic Hazard Index	Index Value	0.01	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.~~16~~22	0.3	Less than Significant
Baseline + Project with 100% ADT added to SR 20/49				
Cancer Risk	Per Million	27.38	10	Potentially Significant
Chronic Hazard Index	Index Value	0.02	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.~~20~~28	0.3	Less than Significant
Project with 100% ADT added to SR 20/49 Impact (Baseline + 100% Project ADT minus Baseline)				
Cancer Risk	Per Million	5.36	10	Less than Significant
Chronic Hazard Index	Index Value	≤0.01	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.~~04~~06	0.3	Less than Significant
Baseline + Project with 20% ADT added to SR 20/49				
Cancer Risk	Per Million	22.19	10	Potentially Significant
Chronic Hazard Index	Index Value	0.01	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.23	0.3	Less than Significant

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Project with 20 % ADT added to SR 20/49 Impact (Baseline + 20% Project ADT minus Baseline)				
Cancer Risk	Per Million	0.17	10	Less than Significant
Chronic Hazard Index	Index Value	<0.01	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.01	0.3	Less than Significant

Source: Appendix O.
Notes: CEQA = California Environmental Quality Act; HRA = Health Risk Assessment
[1] The Golden Empire Nursing and Rehab Center which is located adjacent to SR 20/49 was conservatively assumed to be the MEIR, though patients would not be considered residents with a 30-year exposure duration. Furthermore, this facility for seniors specifically, would not have the 3rd trimester start of exposure. Furthermore, the nursing facility would install MERV-14 filters per the American Society of Heating, Refrigeration, and Air-Conditioning Engineers or the filter with the highest compatible filtering efficiency depending on the existing HVAC system. Use of such filters was not included in the assessment and would serve to lower the indoor exposure to particulate matter and associated health risks.

Table 2-7. Summary of Maximum Cancer and Chronic Health Risks and $PM_{2.5}$ Concentrations (Cumulative Scenario)

Impact Parameter	Units	Risk	CEQA Threshold	Level of Significance
Cumulative 2035				
Cancer Risk	Per Million	23.56	10	Potentially Significant
Chronic Hazard Index	Index Value	0.01	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.~~18~~24	0.3	Less than Significant
Cumulative 2035 + 100% Project ADT				
Cancer Risk	Per Million	28.92	10	Potentially Significant
Chronic Hazard Index	Index Value	0.02	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.~~22~~30	0.3	Potentially Significant~~Less than Significant~~
100% ADT Project Impact (Cumulative + 100% Project ADT minus Cumulative)				
Cancer Risk	Per Million	5.36	10	Less than Significant
Chronic Hazard Index	Index Value	<0.~~01~~01	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.0~~6~~4	0.3	Less than Significant
Cumulative 2035 + Project with 20% ADT added to SR 20/49				
Cancer Risk	Per Million	23.73	10	Potentially Significant
Chronic Hazard Index	Index Value	0.01	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.25	0.3	Less than Significant
Project with 20 % ADT added to SR 20/49 Impact (Cumulative + 20% Project ADT minus ~~Baseline~~Cumulative)				
Cancer Risk	Per Million	0.17	10	Less than Significant
Chronic Hazard Index	Index Value	<0.01	1.0	Less than Significant
$PM_{2.5}$ Concentration (µg/m³)	µg/m³	0.01	0.3	Less than Significant

Source: Appendix O.
Notes: CEQA = California Environmental Quality Act; HRA = Health Risk Assessment
[1] The Golden Empire Nursing and Rehab Center which is located adjacent to SR 20/49 was conservatively assumed to be the MEIR, though patients would not be considered residents with a 30-year exposure duration. Furthermore, this facility for seniors specifically, would not have the 3rd trimester start of exposure. Furthermore, the nursing facility would install MERV-14 filters per the American Society

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of Heating, Refrigeration, and Air-Conditioning Engineers or the filter with the highest compatible filtering efficiency depending on the existing HVAC system. Use of such filters was not included in the assessment and would serve to lower the indoor exposure to particulate matter and associated health risks.

As depicted in Tables 2-6 and 2-7, for the existing scenario, the maximum potential cancer risk within the Project area from on-road vehicle exhaust along SR 20/49 would be approximately 22.02 in a million and in the cumulative 2035 scenario the maximum potential cancer risk within the Project area from on-road vehicle exhaust along SR 20/49 would be approximately 23.56 in a million. These risk levels reflect the baseline conditions that are present or will be present in the area without the addition of Project-generated traffic.

For the existing + 100% Project ADT scenario, the maximum potential cancer risk within the project area from on-road vehicle exhaust along SR 20/49 would be approximately 27.38 in a million and for the cumulative 2035 + 100% Project ADT scenario, the maximum potential cancer risk within the Project area from on-road vehicle exhaust along SR 20/49 would be approximately 28.92 in a million. Therefore, assuming 100% of the Project ADT is added to SR 20/49, the maximum potential increase in cancer risk due to the Project would be approximately 5.36 in a million at the MEIR[5] (or a potential increase of 0.000536%), which represents the estimated delta between the baseline and baseline + Project or the cumulative 2035 and cumulative 2035 + Project scenarios, which includes Project-generated vehicle travel. The maximum chronic hazard and the maximum $PM_{2.5}$ concentration would be below the thresholds for each of the modeled scenarios (baseline, baseline + 100% Project ADT, cumulative 2035, and cumulative 2035 + 100% Project ADT).[6]

The HRA modeling found that when 20% of the Project's total trip generation is added to SR 20/49, under the existing + 20% Project ADT scenario, the maximum potential cancer risk within the Project area from on-road vehicle exhaust along SR 20/49 would be approximately 22.19 in a million and for the cumulative 2035 + 20% Project ADT scenario, the maximum potential cancer risk within the Project area from on-road vehicle exhaust along SR 20/49 would be approximately 23.73 in a million.

Therefore, assuming a 20% trip distribution on SR 20/49, the maximum potential increase in cancer risk due to the Project would be approximately 0.17 in a million at the MEIR (or a potential increase of 0.000~~07~~717%), which represents the estimated the delta between the baseline and baseline + 20% Project ADT or the cumulative 2035 and cumulative 2035 + 20% Project ADT scenarios, which includes Project-generated vehicle travel. The maximum chronic hazard and the maximum $PM_{2.5}$ concentration would be below the thresholds for each of the modeled scenarios (baseline, baseline + Project, cumulative 2035, and cumulative 2035 + Project).

As such, the future residents and occupants at the Project site and sensitive receptors within 1,000 feet of SR 20/49 would be exposed to less than significant cancer, chronic, as well as $PM_{2.5}$ concentrations due to traffic generated by the Project. In other words, mobile source emissions from Project generated traffic would not significantly exacerbate an existing or future environmental hazard. While Project generated traffic would increase

[5] The MEIR is a nursing facility located adjacent to SR 20/49. Healthcare settings are recommended to install MERV-14 filters, which can theoretically remove at least 75% of dust, pollen, mold, bacteria, and any airborne particles with a size of 0.3 µm, which would further reduce potential health impacts. Notably, if MERV-14 filters are not compatible with the existing HVAC system, the facility would use filters with the highest compatible filtering efficiency. The recommendation for MERV-14 filtration is based on updated recommendations for healthcare settings from the American Society of Heating, Refrigeration, and Air-Conditioning Engineers.

[6] For context, as mentioned in Section 2.3.1, the National Cancer Institute estimates that approximately 39.5% of people will be diagnosed with cancer during their lifetimes (National Cancer Institute 2020). This equates to a baseline rate of about 39 cancer cases in 100 people. As identified by the American Association for Cancer Research, approximately 40% of all cancers (or about 16 cancer cases in 100 people) are associated with lifestyle behaviors, including smoking tobacco, excess body weight, unhealthy dietary patterns, alcohol intake, and physical activity (American Association for Cancer Research 2023).

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City of Grass Valley
125 East Main
Grass Valley, CA. 95945
September 2, 2024
RE: Dorsey Marketplace proposal; please add to official record

I oppose granting of this project because I believe, as do our California legislators and our court systems, that we need to take air pollution and traffic impacts seriously and can no longer ignore the law. In addition, it is unclear from this proposal whether it factors in the additional apparent waivers and/or cumulative impacts of present and future pollution from the Loma Rica Development, the Dorsey Interchange and other recent Glenbrook Basin physical housing developments. **The proposal needs to be updated to reflect current regional cumulative impacts** of these projects, some that came after the Dorsey Marketplace's earlier environmental impact analysis.

We can no longer continue to ignore the impacts on local health and global consequences and the corrosive social impacts of lack of respect for the law, especially from government entities.

In addition, while I recognize these are not the contested areas of impacts, arguments put forth by Russel Jeter (as reported in The Union, in 2015) are not supported by accurate data at best and specious at worst. Specifically:

- "$200-plus million in local sales being lost 'down the hill'. This oft cited claim was based on credit card data reflecting spending patterns and, while probably true on its face, does not reflect the likely fact that spending reflects commuters who purchase items out of the area because of convenience provided by being near their out-of-area places of employment. No data was ever supplied to support the argument that shoppers intentionally make special and unique trips from Grass Valley area.

- "it is estimated that 400 to 450 new local jobs will be generated at the Dorsey Marketplace". This argument did not clarify whether they would be permanent jobs or related to construction. While construction jobs typically offer good pay, permanent jobs in this enterprise would likely be jobs that do not provide a living wage commensurate with the cost to live here and, without proof otherwise, would likely put additional burdens on local taxpayer-supported community social services.

Finally, there are new significant concerns being raised since the project was initiated and that have not been addressed, that is, increased awareness of fire danger and lack of clear and robust fire mitigation and evacuation protocols. While the City has recently begun efforts at preventive fire management, no obvious efforts have been made by the City to address the number one killer in urban fires: evacuation.

Until local government entities establish best and realistic fire evacuation and mitigation protocols, further burdening our community with additional population and traffic of this project enhances danger to our high/extreme fire endangered community. Consider this an extenuating – arguably an emergency – circumstance necessitating an appeal to reevaluate the proposal, based on current data. To ignore this issue would be gross negligence and neglect of government responsibilities to ensure community safety. This responsibility trumps private sector concerns.

As I am unsure of protocols and procedures on this, if it is an option, I respectfully request an official response to the concerns raised.

Thank you for your consideration of these issues.

Terry Lamphier *(past District 3 County Supervisor and past Grass Valley planning commissioner)*
132 Doris Drive, Grass Valley, Ca. 95945

9/2/2024

GREATER GRASS VALLEY CHAMBER OF COMMERCE
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Yuba Blue

Steve Sanchez
Sierra Gold Parks Foundation

Executive Director
Robin Galvan-Davies

September 5, 2024

City of Grass Valley
125 East Main Street
Grass Valley, CA 95945

Subject: Dorsey Marketplace Project

Dear Council Members:

The Greater Grass Valley Chamber of Commerce remains a very strong supporter of the Dorsey Marketplace project. This project has broad community support as it will provide desperately needed housing and will in fact clean up a hazardous brown field at the site.

We believe the project has been delayed by the obstructionist tactics of a relatively few outspoken citizens and by an aberrational decision in the Court of Appeal which found a minor, extremely technical imperfection in the EIR. This 'imperfection' has now been remedied, as we believe will be reflected in the City staff report, and we urge the City Council to quickly 're-approve' the project EIR so that the long-awaited development of Dorsey Marketplace can at last proceed.

Thank you in advance for your consideration and anticipated approval of the amended EIR.

Sincerely,

Robin Galvan-Davies
Executive Director

Greater Grass Valley Chamber of Commerce and Visitors Center
128 East Main Street, Grass Valley, CA 95945
(530) 273-4667 • www.grassvalleychamber.com

From: Daniel J Desmond <djdesmond@ucdavis.edu>
Sent: Thursday, September 5, 2024 11:20 AM
To: COGV General Voicemail <COGVGeneralVM@cityofgrassvalley.com>
Subject: Dorsey Marketplace

> You don't often get email from djdesmond@ucdavis.edu. Learn why this is important

The Dorsey Marketplace project is flawed at many levels and from a community development perspective represents another scar on the community. I would like to register my strong opposition and hope that the City Planners will preserve the "heart" of our community and not sell it off to promote sprawl or growth at any cost.

Thanks for listening to my concerns.

Take care,

Daniel Desmond

10500 Hawke Lane

Nevada City CA 95959

PS: We live just outside the City limits but invest our time, energy and money in the City's social, cultural and economic infrastructure.

From: Gary Emanuel <gemanuel@sbcglobal.net>
Sent: Saturday, August 31, 2024 2:06 PM
To: Public Comments <public@cityofgrassvalley.com>
Cc: info@cea-nc.org
Subject: Comments on Dorsey Marketplace Project

Hello,

I have a comment on the proposed Dorsey Marketplace Project.

Based on the current levels of traffic congestion at the Brunswick/Hwy. 49 intersection due to the large shopping centers on either side, I would have thought that the City of Grass Valley would not have wanted to create another mess like this.

The Dorsey Marketplace Project would be even closer to a major freeway intersection with only a single access road to the intersection.

Please consider this issue and let's not add another traffic congestion area.

Regards,

Gary

City of Grass Valley
City Council
Agenda Action Sheet

Title: Main St Sealing And Striping – Authorize Bidding and Approve Design

CEQA: Categorically Exempt – Section 15301 "Existing Facilities"

Recommendation: That Council 1) approve the findings that the project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA); 2) provide direction to Staff on several design proposals; and 3) authorize the advertisement for bids.

Prepared by: Bjorn P. Jones, PE, City Engineer

Council Meeting Date: 09/10/2024 **Date Prepared:** 09/5/2024

Agenda: Administrative

Background Information: The Main Street Sealing and Striping Project primarily involves the pavement replacement, microsurfacing and restriping of Main Street between Bennett Street and Church St. Also included are associated roadway improvements such as utility cover adjustments, signage and curb painting.

A number of design concepts and Engineering proposals are incorporated into the project that Staff would like to bring to Council's attention and gain direction on how to proceed. These proposals are discussed individually in the sections to follow.

Mill @ Main Intersection: Since the Mill St Pedestrian Plaza was completed the number of pedestrians in the downtown area has increased significantly and it is apparent that additional safety measures for pedestrians crossing the stop controlled intersection of Mill and Main Streets would be advantageous. Engineering Staff worked with design consultant Coastland Engineering to evaluate different treatments for the intersection, including options of enhanced signage and striping, eliminating one of the crossings, or eliminating both crossings and creating a single centralized crossing.

At prior meetings, Council was first presented with a proposal to leave the primary layout of the Mill/Main intersection unchanged and increase pedestrian safety through added signage, enhanced striping and the construction of median islands (Option #1). Subsequently a revised design was discussed to eliminate the downhill (easterly) pedestrian crossing and focus safety improvements on the uphill side which would have the benefit of consolidating crossings to a single area and reducing conflict and decision points (Option #2).

Based on feedback from the last Council meeting Staff has further explored a preliminary design and prepared a cost estimate for a revised intersection layout that would remove both the existing crosswalks and construct a single, 20 foot wide crossing aligned with the center aisle of the Mill Street Pedestrian Plaza (Option #3). This would

have similar benefits to Option #2 in the consolidation of pedestrian crossings and reduction in conflict points. It could also be deemed more aesthetically pleasing as a continuation of the Plaza across Main St. However, it would necessitate relocation of the Clocktower and other monuments on the central, northern end of the "T" and move them uphill, out of the direct line of sight of the Mill St corridor. An intersection exhibit is attached that shows the proposed centralized crossing concept. Also included are prior exhibits showing a dual crossing configuration and the single crossing layout with removal of the downhill crossing only.

Evaluating Engineering cost estimates of the various options; the overall project cost for leaving a dual crossing and enacting safety improvements is approximated at $300,000. Using this Option #1 as a base number it is estimated that removing the downhill crosswalk, as proposed in Option #2, adds $25,000 to the contract for the associated demolition and reconstruction costs. Removing both crossings and completing all the associated work; demolition, relocations (Clocktower, monuments, signs), concrete and pavement reconstruction, hardscaping and landscaping, adds an estimated $225-$245,000 to the base contract cost for this Option #3.

South Auburn @ Main Intersection Crosswalk: Engineering Staff and consultant Coastland Engineering also evaluated the S Auburn and Main Street intersection due to safety concerns of the westerly crossing of Main Street. As the left/through lane coming from S Auburn St is signalized and does not have any oncoming traffic to contend with, motorists are not always acutely alert for pedestrians using the westerly crossing, leading to potential conflicts.

Coastland's recommendation was to eliminate this crosswalk in entirety and Engineering Staff agrees that this is the preferred alternative. Pedestrians may have slightly increased crossing times/distances depending on their destination, but this is a small tradeoff for the enhanced pedestrian safety, as well as increased efficiency for S Auburn St traffic turning onto Main St.

Parking Space Adjustments: After pavement rehabilitation, the roadway will be restriped and parking marking "L's" and "T's" placed to define parking spaces, as well as painting curbs. As discussed at prior meetings modified dimensions and layouts are proposed for parking spaces up and down the Main St corridor. Primarily by relocating and shortening loading zones and adjusting the minimum length for some parallel parking spaces, a design has been developed that would gain ten additional defined parking spaces over what exists today.

Staff requests that Council provide any direction on the described proposals at the Council meeting for the Main St Sealing And Striping Project. After consideration, Engineering will finalize the design and contract documents in order to release the project for bidding. The award of a construction contract is anticipated to occur in Fall 2024, with construction in early 2025, depending on weather.

The street improvements associated with this project are exempt from environmental review pursuant to Section 15301 "Existing Facilities" of the CEQA Guidelines. The requested Council motion is to approve the findings that the project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) and authorize the advertisement for bids.

Council Goals/Objectives: The Main St Sealing And Striping executes portions of work tasks towards achieving/maintaining Strategic Plan Goal – City Infrastructure Investment

Fiscal Impact: The base project is fully funded in the 2024/25 CIP Budget with Measure E funding. No funding is currently identified for increases in the project scope due to modified configurations of the Mill and Main intersection.

Funds Available: Yes

Account #: 300-406-63850

Reviewed by: City Manager

Attachments: Main St @ Mill Exhibits

EXHIBIT 1 - MILL ST @ MAIN ST OPTION 1

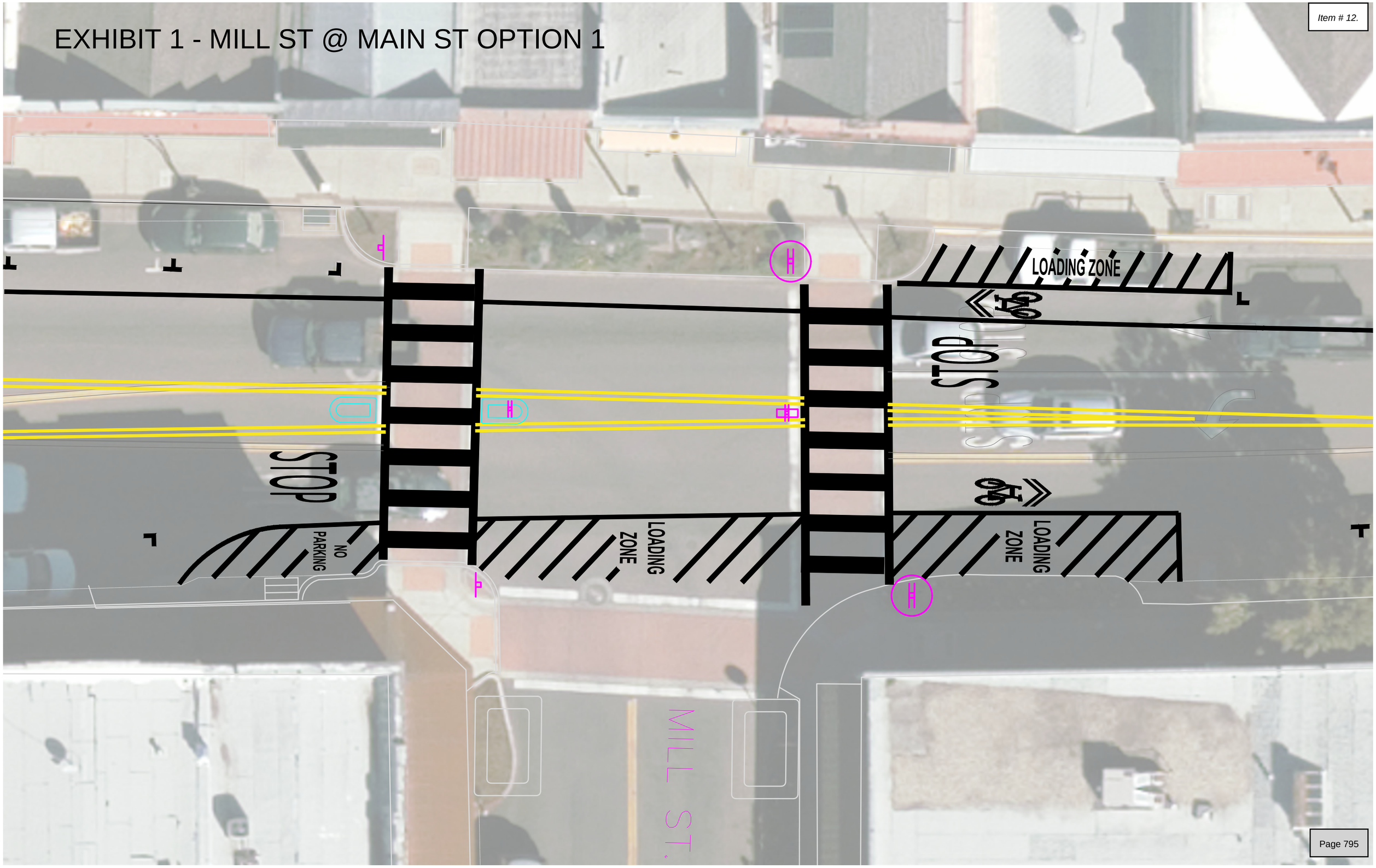


EXHIBIT 2 - MILL ST @ MAIN ST OPTION 2

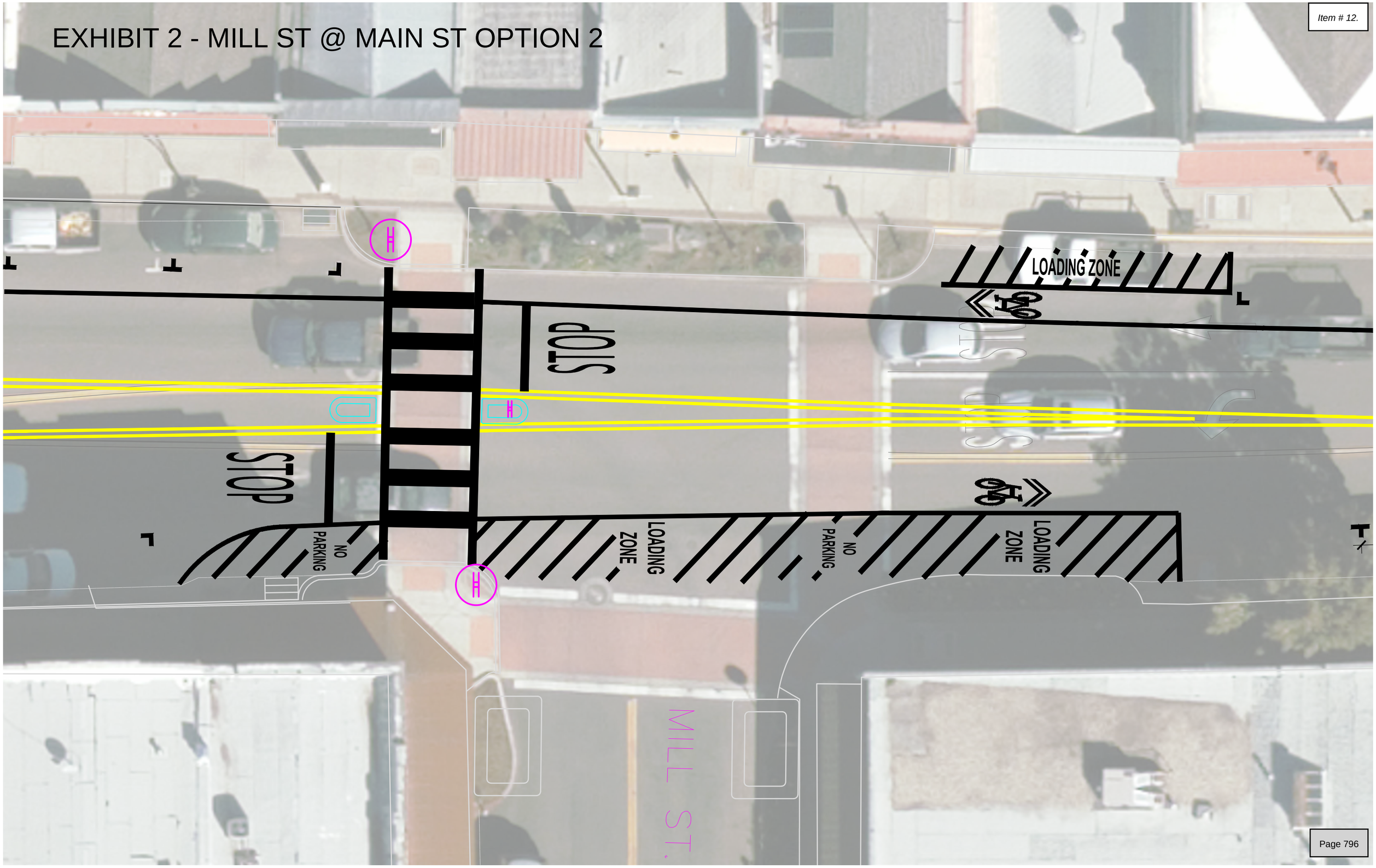
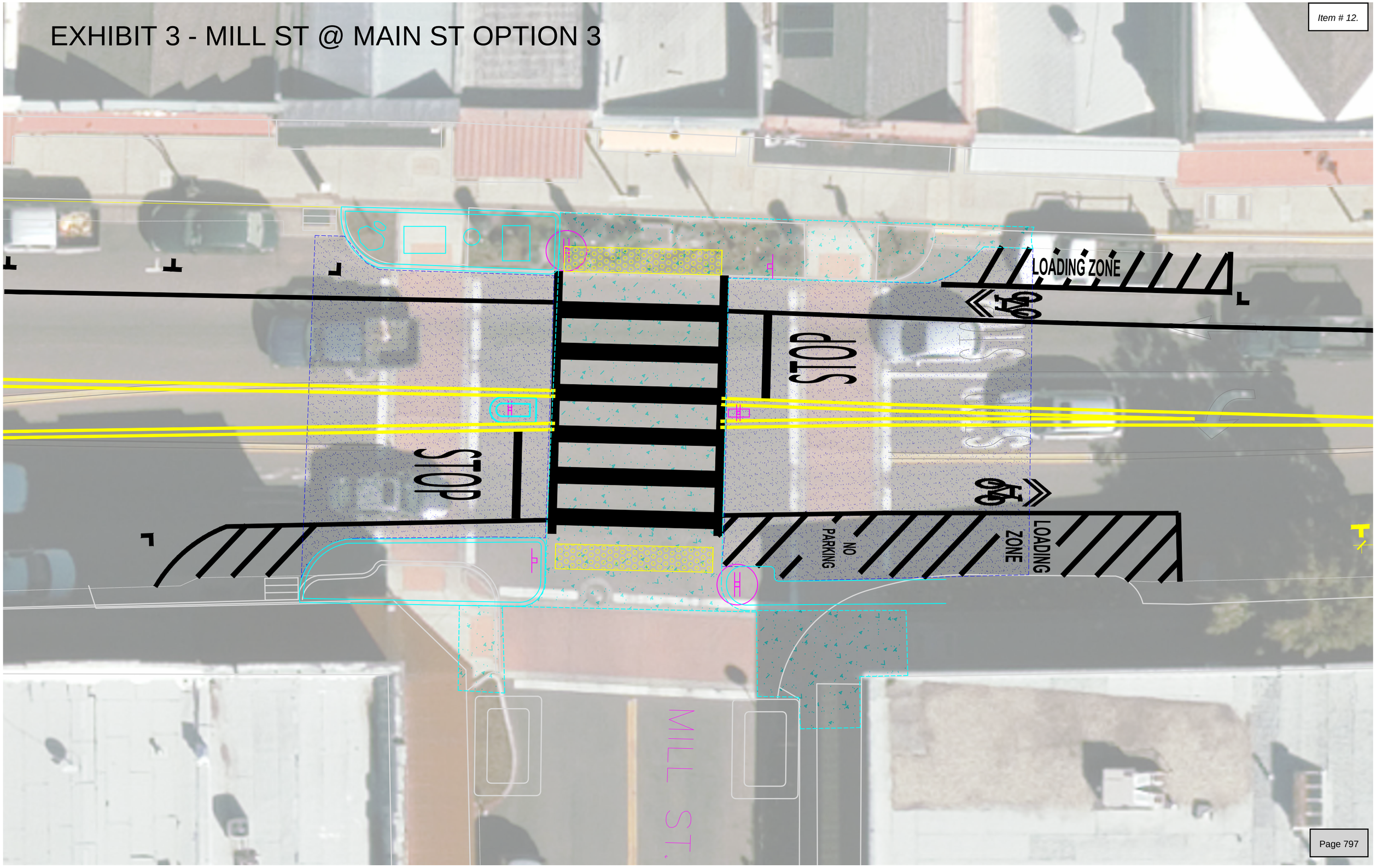


EXHIBIT 3 - MILL ST @ MAIN ST OPTION 3



City of Grass Valley
City Council
Agenda Action Sheet

Title: Discussion on City Council Compensation

CEQA: Not a Project

Recommendation: That Council considers the information provided and provides direction to staff on how to proceed.

Prepared by: Tim Kiser, City Manager

Council Meeting Date: 09/10/2024 **Date Prepared:** 09/04/2024

Agenda: Administrative

Background Information: Per the City Charter, the City Council may determine the annual compensation of the mayor, vice mayor, and council members by ordinance. However, any ordinance increasing such compensation will not take effect until the commencement of the terms of council members elected at the next regular election. Compensation for council members shall not exceed the maximum amount set by the Government Code for council members in general law cities of comparable size, which is subject to periodic adjustments.

State law regulates the maximum compensation for council members and the timing of these adjustments. The compensation schedule for general law cities has not been updated since 1984, leading to councilmember compensation not keeping pace with inflation. On June 29, 2023, the Governor approved Senate Bill No. 329 (Dodd) ("SB 329"), which increases the maximum allowable salary based on the city's population. For cities with populations up to and including 35,000 people, SB 329 sets the maximum salary at $950 per month. Currently, under the City Municipal Code, a council member receives $275 per month, and the mayor receives $300 per month.

Additionally, Government Code Section 36516 permits a Council compensation increase of up to five percent per calendar year from the operative date of the last adjustment. No ordinance can be enacted to provide future increases beyond this limit.

With the upcoming election, staff seeks direction on further evaluating adjustments to City Council salaries and benefits. Attached for the City Council's review is a handout from the 2011 League of California Cities Annual Conference

Council Goals/Objectives: This item executes portions of work tasks towards achieving/maintaining Strategic Plan - High Performance Government and Quality Service.

Fiscal Impact: The Fiscal Impact is not known until City Council decides on a potential action.

Funds Available: N/A **Account #:** N/A

Reviewed by: ____ City Manager

Attachments: 1) 2011 League of California Cities Annual Conference Handout from the City Council Salaries and Benefits Session

City Council Salaries and Benefits

Thursday, September 22, 2011 General Session; 3:15 – 4:45 p.m.

Brian Libow, City Attorney, San Pablo

Notes . . .

CITY ATTORNEY
City of San Pablo

CITY OF SAN PABLO
City of New Directions

CITY COUNCIL SALARY AND BENEFITS

LEAGUE OF CALIFORNIA CITIES
CITY ATTORNEYS' DEPARTMENT

ANNUAL CONFERENCE
SEPTEMBER 22, 2011

Brian M. Libow
City Attorney
City of San Pablo

13831 San Pablo Avenue, Building 2 * San Pablo, CA 94806
Main: 510-215-3009 * *Fax*: 510-235-7059
BrianL@SanPabloCA.gov

CITY COUNCIL SALARIES, REIMBURSEMENTS AND BENEFITS

In the wake of the City of Bell scandal, salaries and benefits provided to city council members have come under greater scrutiny. Particularly in the area of permissible health and welfare benefits, the various statutes that govern these matters form a nearly incomprehensible morass of ambiguous and seemingly contradictory provisions. The purpose of this paper is to try to make sense of these statutory provisions, dividing the analysis into three major categories: salary and reimbursements; health and welfare benefits that are available to current city council members; and benefits that are available to retired or former city council members.

An underlying principle behind the interpretation of these statutes is that, whether they concern salary, expense reimbursement, or benefits, they are to be *strictly construed in favor of the City and against the public officer. County of San Diego v. Milotz, 46 Cal.2d 761, 767 (1956); Madden v. Riley, 53 Cal.App.2d 814, 822 (1942); 65 Ops.Cal.Atty.Gen. 517, 520-21 (1982).*

On the other hand, the rule with respect to retirement benefits is that ambiguities must be resolved in favor of those receiving public pensions. See, e.g., *Ventura County Deputy Sheriffs' Assn. v. Board of Retirement* (1977) 16 Cal.4th 483, 490; *Hittle v. Santa Barbara County Employees' Retirement Assn.* (1985) 39 Cal.3d 374, 390; 90 Ops. Cal. Atty. Gen. 32 (2007).

I. CITY COUNCIL SALARY

A. Maximum Amounts; 5% Increases; Election

Government Code section 36516[1] authorizes a city to provide its city council members with an initial salary of between $300 and $1,000 per month, depending upon the city's population. Section 36516.5 also authorizes an increase in Council salaries in an amount not to exceed 5% for each calendar year from the operative date of the last adjustment. Thus, if the Council has not had a salary increase in the last twenty years, it can adopt an ordinance effectively doubling its salary: 20 x 5% = 100%. Of course, if the Council does not want to take action itself, it may place a salary measure on the ballot. (§36516(b)).

The Attorney General has ruled that the maximum 5% per year percentage increase must be applied only once, with no compounding. 89 Ops.Cal.Atty.Gen. 159 (2006). You can only calculate the increase based on what the actual salary was, not on what it could have been. In other words, the city may not apply the 5% to the currently received salary amount only for the first year, and then apply it to the newly calculated amount for the second year, and continue these separate calculations for each intervening year. For example, if six years have passed since the last salary increase,

1 All references are to the Government Code unless otherwise noted.

only one calculation – an increase of 30% - is to be made, not six separate calculations, one on top of the other.

A directly elected mayor may be provided with compensation in addition to that which he or she receives as a council member. (§36516.1). That additional compensation may be provided by an ordinance adopted by the city council or by a majority vote of the electors voting on the proposition at a municipal election. The Attorney General has also ruled that the prohibition against "mid-term" salary increases, applicable to council members pursuant to section 36516.5, *(see section B, infra),* does *not* apply to elected mayors. The additional compensation for performing mayoral duties is not received as "a councilperson." 89 Ops.Cal.Atty.Gen. 159 (2006)

For the same reason, it would seem that the 5% annual maximum, while applicable to salary received as a council member, would not apply to any additional compensation provided to elected mayors.

B. No Increase May Take Effect Until The Beginning of New Terms of Office

Government Code section 36516.5 prohibits any change in compensation during the council member's term of office. This does not mean that Councilmember X, elected in 2008, must wait until her next term of office begins in 2012. Because city council members serve staggered terms, Councilmember X will be eligible for an increase following the next municipal election in 2010, when two or three of her compatriots must run for reelection, even though X is in the middle of her own term.

C. No Automatic Increases

Section 36516(a)(4) provides, in pertinent part, that "no ordinance shall be enacted or amended to provide automatic future increases in salary." The council may grant city *employees* a three year MOU, with cost-of-living increases on July 1 of each year of the contract. But it may not do so for itself.

D. How To Measure "Calendar Year"

Section 36516(a)(4) provides: "The salary of council members may be increased beyond the amount provided in this subdivision by an ordinance or by an amendment to an ordinance, but the amount of the increase shall not exceed an amount equal to 5 percent for each calendar year from the operative date of the last adjustment of the salary in effect when the ordinance or amendment is enacted…"

Suppose the operative date of the last salary increase immediately followed the municipal election in November of 2008. The next year, in June, 2009, can the City Council adopt another ordinance increasing its salary an additional 10%, to be effective

following the November, 2010 election? This would constitute 5% for each of the two calendar years between the effective dates of the increases. Or, would NO increase be justified, since not even one full calendar year had elapsed between the effective date of the last increase (November 2008) and the ordinance to increase the salaries an additional 10% (June, 2009)?

While the statute restricts the effective date for increases, it does not address the *timing* of the ordinance providing for such increases. There is no case law or Attorney General opinion on this issue. The statute does define when the "calendar year" count is supposed to *start*, but does not define when the count is supposed to *end* – the date the ordinance is introduced? Adopted? Takes effect? Or when the new salary goes into effect? In the absence of guidance from the courts or the Attorney General, the extremely conservative approach would be to calculate the permitted increase based on the number of *complete* years from the operative date of the last adjustment to the date of adoption of the ordinance granting the next salary adjustment.

But the most logical, consistent approach seems to be calculating increases from the *effective* date of the last increase to the *effective* date of the next increase. In this way we avoid the uncertainties and ambiguities in trying to figure out what to do with *partial* calendar years.

E. <u>Salary Must Be Established By Ordinance</u>

The establishment of city council salary must be by ordinance, not resolution. (§36516(a)(4)). What if a city council has not adopted the maximum 5% per year increase, but is receiving other monetary payments which, when added to the actual adopted salary, is still under the maximum limit? If the Council has provided for the receipt of such monetary payments by ordinance, as required by section 36516(a)(4), then those payments might rightfully be considered part of salary and, if under the maximum, should be permissible. If there is no authorizing ordinance, however, then whether or not this is lawful depends on whether these additional monetary payments are considered allowable expense reimbursements, or retirement or health and welfare benefits. Subsections (d) and (e) of section 36516 provide as follows:

> (d) Any amounts paid by a city for retirement, health and welfare, and federal social security benefits shall not be included for purposes of determining salary under this section, provided that the same benefits are available and paid by the city for its employees.
>
> (e) Any amounts paid by a city to reimburse a council member for actual and necessary expenses pursuant to Section 36514.5 shall not be included for purposes of determining salary pursuant to this section.

Under these sections, if payment to a council member is not a permissible retirement or health and welfare benefit, or is not a valid expense reimbursement, then necessarily it will be counted for purposes of determining salary. Take, for example, a city policy granting a monetary payment of 50% of the monthly medical premium "in-lieu of" medical coverage, where the employee would otherwise have dual coverage because of coverage by a spouse with another employer.

Let's say the ordinance provides that councilmembers receive $1,000 per month in compensation, but the compensation rate could have been $1,500 had the council taken all of the permissible annual increases, and those council members are also receiving $500 per month in lieu of health insurance benefits.

The Attorney General has ruled that such a payment is lawful if it is contributed to a deferred compensation account, because it can be characterized as a "retirement" benefit under subsection (d), and will therefore not count as salary. 89 Ops.Cal.Atty.Gen. 107 (2006). If paid in cash, however, the Attorney General has ruled that it is neither a retirement benefit nor can it be considered a health and welfare benefit, like direct payment of a medical premium.[2]

Thus, if the in-lieu payment is part of the city's deferred compensation "retirement" program, it will not count as salary and may be authorized by resolution. If the payment is made in cash, however, it should probably be considered part of salary and subject both to the maximum limit, and the requirement that salary must be established by city council ordinance. Just because the city council *could have* increased its salary over the years to $1,500, doesn't mean that its salary can be $1,500 without an ordinance that increases the salary to that amount. In the example, the Council is legally allowed to receive only $1,000 per month under law (their own ordinance). However, they are now effectively receiving $500 more in salary by virtue of receipt of the in-lieu payment.

May a council member participate in a city's flexible benefits plan, where the city, along with the employee, contributes pre-tax dollars to pay for medical or childcare expenses? The council member would then receive a cash payment after incurring the expense. In my opinion, this is a valid health and welfare benefit despite its form as a direct payment to the council member, as it is effectively a reimbursement for actual medical expenses. This should be allowable, and, as a health and welfare benefit received by all other city employees, may be authorized by resolution as well as by ordinance, as discussed below.

Permissible health and welfare benefits, and provisions for expense reimbursement, may of course be established by resolution; an ordinance is not necessary. What about payments such as cell phone stipends or other advance payments? So long as they are authorized by ordinance and, when added to normal salary, are under the maximum, such payments would be allowable. What about cities that provide cell

2 There is at least an argument that the AG erred in this analysis. See footnote 15, infra.

phones, computers, or fax lines to council members instead of reimbursing them for city-related costs? It is my opinion that non-monetary benefits do not impact salary and are therefore not subject to Government Code section 36516's limitations on salary. Of course, use of such property for non-public purposes has its own problems in terms of the laws prohibiting unlawful gifts of public funds and misuse of city facilities.

F. Reduction In Salary

In 80 Ops.Cal.Atty.Gen. 119 (1997), the Attorney General concluded that a city council could not reduce its salary, the mayor's salary, or their own health and welfare benefits during their current terms of office. Reasoning that reduction in a council member's or mayor's compensation or health and welfare benefits during his or her term of office would impair the obligation of a contract (U.S. Const., art. I, §10; Cal. Const., art. I, §9) or deprive the council member of a vested property right (U.S. Const., 14th Amend.; Cal. Const., art. I, §7, subd.(a)), the opinion cites cases to the effect that the employment relationship between a city council member and the city is contractual, and the elements of compensation and benefits for such an office become contractually vested upon acceptance of employment. Interpreting the language of the statutes in light of these constitutional principles, the Attorney General found "that it forbids decreases in compensation during a council member's current term of office. Of course, as a practical matter, council members may contribute back to the city whatever portion of their salaries they wish. No statutory authorization is necessary for such voluntary action to take place."

As a result, Government Code section 36516(f) now provides that "a city council member may waive any or all of the compensation permitted by this section."

G. Reimbursement of Expenses

Pursuant to Government Code section 36514.5, city council members may be reimbursed for actual and necessary expenses incurred in the performance of official duties. Any amounts paid by a city to reimburse a council member for actual and necessary expenses shall not be included for purposes of determining salary. (§36516(e)).

Reimbursement for expenses is subject to Government Code sections 53232.2 and 53232.3. Under these sections, the City must adopt a written policy which specifies the types of occurrences that qualify for reimbursement. The policy may also specify reasonable reimbursement rates. The Council must complete expense reports documenting that the expenses meet the existing policy. These reports must be submitted within a reasonable time, and must be accompanied by receipts. All such documentation is public record.

For example, council members may be reimbursed for lodging and transportation costs for attendance at meetings and conferences. Government Code section 53232.3

requires council members to report on their attendance at those meetings and conferences at the next council meeting. The statute does not provide any guidance as to how detailed the disclosures must be. In a brief, informal survey, all 15 responding cities (all but one located in the Bay Area) simply had council members disclose which meetings and conferences they had attended since the last council meeting. These reports did not include disclosure of the costs of such attendance or the amount of reimbursement, although these expense reports are public records and would be disclosed upon request.

Spouses and Third Parties Don't even *think* of having the city reimburse a councilmember for his or her spouse's expenses while accompanying the councilmember on official city business. 75 Ops. Cal. Atty. Gen. 20 (1992); *Albright v. City of South San Francisco* (1975) 44 Cal.App.3d 866 (unauthorized reimbursement is illegal gift of public funds). Additionally, city council members cannot be reimbursed for purchasing meals for third parties such as constituents, legislators, and private business owners. 85 Ops.Cal.Atty.Gen. 210 (2002) And, of course, if a councilmember gets a fine from the FPPC, she is on her own. 61 Ops. Cal. Atty. Gen. 342 (1978)

Ethics Training Note also that if a city does provide for reimbursement of expenses, then all council members must undergo mandatory ethics training on a regular basis. (§§53234-53235).

Car Allowance/Other Monthly Stipends Government Code section 1223 permits city council members to contract directly with the city for a vehicle allowance when the council members' travel expenses are allowed by law.

Following the passage of Assembly Bill 1234 in 2005, which enacted Government Code sections 53202.3 and 53202.2, many city attorneys advised that the payment of predetermined monthly car allowances was legally questionable. After all, the statutes require *receipts for expenses,* a requirement that a car allowance is designed to make unnecessary. And, these "reimbursement statutes" were enacted *after* section 1223 and should therefore take precedence.

In light of the above, may a city council still receive a monthly, pre-determined car allowance, rather than reimbursement for actual vehicle expenses? The Attorney General ruled in 2010 that such a practice is still permissible, because a car allowance is not, strictly speaking, a "reimbursement" for expenses since it is a fixed amount paid periodically, and likely in advance, pursuant to section 1223. 93 Ops.Cal.Atty. Gen. 9 (2010).[3]

3 The courts, too, have taken an expansive view of section 1223. In *Citizen Advocates, Inc. v. Board of Supervisors* (1983) 146 Cal.App.3d 171, the court upheld, as allowable under section 1223, a county policy that authorized payment to certain designated county officials of an auto allowance of $100 per month in addition to payment of mileage at a fixed rate. The court interpreted the disjunctive "or" in the statute to mean the conjunctive "and."

Caveat: What about other monthly stipends? For example, instead of providing cell phones for employees, what if a city has a policy of paying its employees a monthly stipend for using their personal cell phones for city business? While an invoiced reimbursement for official phone calls would clearly be permissible, a stipend is not a "reimbursement" under the AG's analysis. While permissible for other city employees, the payment of such stipends to council members would seem to constitute monetary compensation that is authorized neither by the ordinance establishing their salaries, nor by a statutory provision such as Section 1223 regarding car allowances.

H. Payments for Service on Other Boards or Commissions

Unless specifically authorized by state law, a city council may not pay itself more money for serving on other boards and commissions. This is one case where an ordinance will definitely not count as a statute.[4] If the other statute that authorizes the compensation does not specify the amount of compensation, the maximum amount is one hundred fifty dollars ($150) per month for each commission, committee, board, authority, or similar body. (Government Code §36516(c).)

One common example is service on the Board of Directors of a Redevelopment Agency. A maximum stipend of $30 per meeting attended, not to exceed four meetings per month, is authorized by Health and Safety Code section 33114.5.

Practice Tip: Because Redevelopment Agency actions are often accompanied by City Council action, some cities have found it convenient to combine the agendas of the two entities into one agenda, so that it is not necessary to adjourn one meeting and then convene the other. This means that, when action on redevelopment matters is necessary, the City Council meeting is denominated as a "joint" meeting with the Redevelopment Agency. The City Clerk may inadvertently label a council meeting as a joint meeting even where no specific Agency action will take place. No payments should be made to council members for Agency meetings unless the joint meeting actually has items of business for the Agency contained therein. 83 Ops. Cal. Atty. Gen. 215 (2000).

New Legislation: Note that new Assembly Bill 23, creating a new section 54952.3, will, as of January 1, 2012, require local agencies conducting simultaneous or serial meetings of multiple boards or commissions to publicly, orally announce any compensation received by the local legislative body for such additional meeting(s), in

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4 For an Attorney General opinion discussing the circumstances under which a municipal ordinance will not count as a "statute," see 81 Ops.Cal.Atty.Gen. 75 (1998), concluding that the appointment power of an elected mayor of a general law city extends to appointments that a city ordinance requires to be made by the city council despite Government Code §40605's mayoral appointment directive. (The AG reputed this conclusion in 2006, concluding that §40605 addresses *membership* on the commission (e.g. how many members; should the members be residents; should the members have different skills such as design or architecture, etc.) and does not address the appointment *process)*.

excess of or in addition to statutorily established amounts.

I. Conflict of Interest/Government Code Section 1090

Under Government Code section 53208, there will be no section 1090 violation when council members approve salary or health benefits for themselves.

As far as the Political Reform Act is concerned, council members may ordinarily vote for the ordinance increasing their salary. However, if any particular vote will only affect *some* council members, but not *others,* then a conflict may be deemed to exist.

Section 87100 of the Political Reform Act prohibits any public official from making, participating in making, or using his or her official position to influence a governmental decision in which the official has a financial interest.

A public official has a "financial interest" in a governmental decision if it is reasonably foreseeable that the decision will have a material financial effect on one or more of the public official's economic interests.[5] (§87103; 2 CCR §18700(a).)

As relevant here, section 87103 provides that a public official has a "financial interest" in a governmental decision if it is reasonably foreseeable that the decision will have a material financial effect, distinguishable from its effect on the public generally, on the official or on any of the official's economic interests. A city council member would have two economic interests in his or her salary:

- An economic interest in a source of income, including promised income, which aggregates to $500 or more within 12 months prior to the decision. (§87103(c); Regulation 18703.3.)

- An economic interest in his or her personal finances, including those of his or her immediate family. (§87103; Regulation 18703.5.)

City Council salary does not constitute an "economic interest in a source of income," because the Act's definition of *income* expressly excludes salary and reimbursement for

5 The Commission has adopted an eight-step standard analysis for deciding whether an individual has a disqualifying conflict of interest in any given governmental decision. To determine whether a given individual has a disqualifying conflict of interest under the Act, officials apply the following eight criteria: (1) Determine whether the individual is a public official; (2) Determine whether the public official will be making, participating in making, or using or attempting to use his/her official position to influence a government decision; (3) Identify the public official's economic interests; (4) For each of the official's economic interests, determine whether that interest is directly or indirectly involved in the decision; (5) Determine the applicable materiality standard; (6) Determine whether it is reasonably foreseeable that the decision will have a material financial effect on each economic interest; (7) Determine if the reasonably foreseeable financial effect is distinguishable from the effect on the public generally; and (8) Determine if the public official's participation is legally required.

expenses and per diem received from a state, local, or federal government agency.[6]

Nonetheless, FPPC advice letters make clear that an effect on an official's governmental salary may still be disqualifying under limited circumstances as a "material and foreseeable financial effect on the official's personal finances." See, *Scott Howard Advice Letter, A-07-182, and Robert Hoffman Advice Letter, I-11-005*.

Under Regulation 18705.5(a), a financial effect of a decision on an official's personal finances is material if it is at least $250 in any 12-month period. Certainly almost any salary increase would exceed this amount. However, Regulation 18705.5(b) also includes an exception to the personal financial effects rule for certain governmental decisions that affect only the salary, per diem, or reimbursement of the public official:

> "The financial effects of a decision which affects only the salary, per diem, or reimbursement for expenses the public official or a member of his or her immediate family receives from a federal, state, or local government agency shall not be deemed material, unless the decision is to hire, fire, promote, demote, suspend without pay or otherwise take disciplinary action with financial sanction against the official or a member of his or her immediate family, *or to set a salary for the official or a member of his or her immediate family which is different from salaries paid to other employees of the government agency in the same job classification or position."* (Emphasis added)

Thus, the FPPC has advised that generally an official is not disqualified from taking part in salary and benefit decisions that will affect his or her income as an employee of the agency. However, the Act would prohibit the official from taking part in salary and benefit decisions that will set a salary or benefits for the official different from other employees in the same job classification or position.

For example, where the Council is voting on whether to provide itself with a particular retirement benefit (such as the monetary contribution to deferred compensation "in-lieu of" city payment of the council members' medical premiums, discussed *supra,* and only two of five council members were eligible to receive the in-lieu payment, those council members must abstain. See, e.g. *Scott Howard Advice Letter, A-07-182* (Council member, who is nominated to be mayor, may not participate in the debate and vote to appoint a Mayor where the appointed Mayor will receive an additional $150 a month in his automobile allowance).

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[6] Government Code Section 82030(b)(2) provides that "income" does not include:

"Salary and reimbursement for expenses or per diem, and social security, disability, or other similar benefit payments received from a state, local, or federal government agency and reimbursement for travel expenses and per diem received from a bona fide nonprofit entity exempt from taxation under Section 501(c)(3) of the Internal Revenue Code."

Practice Tip: Look carefully at how a council vote may impact different council members differently. Although nominally broad in application, if the real life impacts of the ordinance will affect some council members but not others, a conflict of interest is deemed to exist.

J. Charter Cities

There are no cases explicitly addressing whether charter cities are subject to the strictures of section 36516 et seq. regarding Council salaries. But the proposition is well-established that the compensation paid to officers and employees of charter cities is a municipal affair subject to the city charter. See, e.g., *Bishop v. San Jose (1969) 1 Cal.3d 56, 64 (wages of city employees not subject to prevailing wage requirements); Sonoma County Organization of Public Employees v. Sonoma (1979) 23 Cal.3d 296, 317 (determination of wages paid to employees).*

However, the Legislature has declared, via Government Code section 53208.5, that the area of *health benefits* provided to city council members is a matter of statewide concern and not a municipal affair.

II. HEALTH AND WELFARE BENEFITS FOR CURRENTLY SERVING COUNCIL MEMBERS

Several provisions in the Government Code allow the City to provide benefits for current employees and council members, subject to certain restrictions.

PEMHCA Coverage

Many cities are members of California Public Employee's Retirement System (PERS). The Public Employees' Medical and Hospital Care Act ("PEMHCA" - Gov. Code, §§22750-22948) allows public agencies to provide medical benefits to their employees and "annuitants" (retirees) under specified circumstances. PEMHCA is administered by PERS. A local "contracting agency," such as the city, and "each employee or annuitant" must contribute to the cost of health plan coverage provided under a plan approved by PERS. (§22890(a)). (89 Ops.Cal.Atty.Gen. 232 (2006)).

While there is no case law making this distinction, the Attorney General has held that PEMHCA authorizes an alternative method for local agencies to provide health benefits. An agency can operate under the PERS-PEMHCA scheme for medical coverage, and also provide other health and welfare benefits that are not subject to PEMHCA. 76 Ops.Cal.Atty.Gen. 91 (1993). When an agency contracts for its own health insurance coverage for elected officials (e.g. dental, vision, life, or possibly additional medical coverage beyond that afforded in the City's PERS resolution), the legality of that coverage is subject to Government Code sections 53200-53210. Those sections are not applicable to PEMHCA coverage. See, 90 Ops. Cal. Atty. Gen. 32 (2007) (County

may contribute towards the cost of health care coverage provided under PEMHCA for a retired board member "who is a CALPERS member and is otherwise eligible for such health care coverage" even though the retired member does not meet the criteria set forth in Government Code section 53201).

Caveat: City council members are automatically excluded from PERS membership unless they file an election in writing to become a member pursuant to Government Code section 20322. Why a councilmember would choose not to be enrolled in PERS is beyond me, but if she is not enrolled, it is questionable as to whether she is entitled to receive medical coverage under PEMHCA. Government Code section 22772, subsection (a)(2) includes elected officials of contracting agencies in the definition of "employee" under PEMHCA, only *if* the elected official participates in "the retirement system provided by the employer." This phrase is not defined in the PERS statutes. Use of the word "the," as opposed to "a," might mean that only the PERS retirement system is contemplated. But it is conceivable that the statute could be interpreted to apply to more than one retirement system offered by the City – a deferred compensation or annuity program, for example. Government Code section 22920 might lend credence to this position. It sets forth criteria for entities to become subject to PEMHCA. First, an agency that contracts with PERS is eligible for PEMHCA. But an agency that is not subject to PERS and that "provides a retirement system for its employees funded wholly or in part by public funds…" is also eligible.

I think the better view is that entities which do not contract with PERS but have their own retirement system in lieu of PERS are still eligible for PEMHCA coverage. But it seems reasonable to conclude that, once a city does contract with PERS, PERS becomes "the retirement system" referred to in the statute. This approach would require all council members to enroll in PERS in order to receive medical coverage under the PERS system.

Non-PEMHCA Coverage: Government Code Section 53200 et seq.

Government Code section 53205[7], in conjunction with section 53201(a)[8], makes clear

7 "From funds under its jurisdiction, the legislative body may authorize payment of all, or such portion as it may elect, of the premiums, dues, or other charges for health and welfare benefits of officers, employees, retired employees, former elective members specified in subdivision (b) of Section 53201, and retired members of the legislative body subject to its jurisdiction. Those expenditures are charges against the funds…." "Officers and employees" is defined by Government Code §53200(e) to include current members of the city council. (Emphasis added)

8 "(a) The legislative body of a local agency, subject to conditions as may be established by it, may provide for any health and welfare benefits for the benefit of its officers, employees, retired employees, and retired members of the legislative body, as provided in subdivision (b), who elect to accept the benefits and who authorize the local agency to deduct the premiums, dues, or other charges from their compensation, to the extent that the charges are not covered by payments from funds under the jurisdiction of the local agency as permitted by Section 53205." (Emphasis added)

that the City may pay for all, or such portion as it elects, of the health and welfare benefits offered to the Council and to city employees. Government Code Section 53205.1, read in conjunction with section 53200(e),[9] also authorizes the provision of health benefits for spouses and dependents of council members. See, 76 Ops.Cal.Atty.Gen. 91 (2003).

Further, section 53201 provides, in subsection (a), that the city council may provide for any health and welfare benefits for the benefit of its officers, employees, retired employees, and retired members of the legislative body who elect to accept the benefits and who authorize the local agency to deduct the premiums from their compensation, *to the extent that the charges are not covered* by payments from funds under the jurisdiction of the local agency as permitted by section 53205. Section 53208 confirms that any member of a legislative body may participate in any plan of health and welfare benefits permitted by law.

Three other statutes place constraints on the amount and level of benefits the city council (and employees) may receive:

1. The benefits provided for council members must be the “same benefits” that the City pays for “its employees” (§36516(d));

2. The “medical plan” must provide benefits for “large number of employees” (§53202.3);

3. Where different benefit structures are provided for different sets of employees, the maximum benefits received by the Council can be no greater than the most generous “schedule of benefits” provided to any category of *non-safety* employees (§53208.5).

How these quoted phrases are ultimately defined and harmonized by the courts will determine the legality of benefits offered to city councils. There is practically no guidance on these issues from the Attorney General’s office, let alone the judiciary.

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9 Section 53205.1(a)provides: “From funds under its jurisdiction, the legislative body may authorize payment of all or any portion as it may elect of the premiums, dues, or other charges for health and welfare benefits on the spouse and dependent children under the age of 21, dependent children under the age of 25 who are full-time students at a college or university, and dependent children regardless of age who are physically or mentally incapacitated, of those officers and employees, including retired officers and employees, subject to the jurisdiction and for whom those health and welfare benefits have been provided.”

Section 53200(e): "Employees" or "officers and employees" mean all employees and officers, including members of the legislative body, who are eligible under the terms of any plan of health and welfare benefits adopted by a local agency pursuant to this article.”

A. "Same Benefits" For Council As For "Its Employees" (§36516(d))

As stated, the benefits provided for council members must be the "same benefits" that the City pays for "its employees" (§36516(d)). Is this section violated if the Council gets much better benefits than most city employees? The question turns on how to define "its employees." Does this mean that the City must pay exactly the same amount, and no greater, for the city council and *all or most city employees, or just some employees*?

The question is answered by interpreting and harmonizing this requirement in a manner consistent with another provision in the statutory scheme – section 53208.5, which makes clear that where different benefit structures are provided for different sets of employees, the maximum benefits received by the Council can be no greater than the most generous "schedule of benefits" provided to any category of non-safety employees. Since this specific statutory provision allows city council members to receive greater benefits than most categories of city employees, Section 36516(d) ought to be interpreted in the same way. Code of Civil Procedure section 1859 expresses the canon of statutory interpretation that when a general and particular provision is inconsistent, the latter is paramount to the former. Thus, so long as *some non-safety* employee groups get the same coverage as the council, the statutes allow the council to receive those same benefits even though they may be higher than for most employees.

B. The Health Care "Plan" Must Provide "Benefits" For "Large Numbers of Employees"

Government Code section 53202.3 provides in relevant part that "all plans, policies or other documents used to effectuate the purposes of this article shall provide benefits for large numbers of employees…."

The same question presents itself: whether exactly the same coverage, on the same terms, must be provided to large numbers of employees, or whether there may be differences in coverage so long as the health plan itself offers some coverage to large numbers of employees. For example, a city might have several bargaining groups or other recognized employee units. While the City would offer health insurance to all groups, the City might pick up different degrees of the monthly premiums, depending on the unit.

The plain language of the statute speaks in terms of the plan offering benefits to large numbers of employees. On its face, it does not require that the same benefit package be offered to all employees. The "statute's plain meaning controls the court's interpretation unless its words are ambiguous. If the plain language of a statute is unambiguous, no court need, or should, go beyond that pure expression of legislative intent."[10] Further, the court's primary objective is to determine the legislative intent

10 *See* White v. Ultramar, Inc., 21 Cal. 4th 563, 572 (1999), *quoting* Kobzoff v. Los Angeles County Harbor/UCLA Medical Center, 19 Cal.4th 851, 861 (1998).

behind the enactment of the statute.[11]

Again, by harmonizing this statute with others, we see that the Legislature contemplated that cities would offer different benefit packages to different groups of employees. This is explicitly stated in Government Code section 53208.5's reference to "agencies with different benefit structures…." The one appellate case to discuss this issue has interpreted the statutes to contain no limit on the amount or kinds of benefits that a city may provide its legislative body except that those benefits must not exceed the level of benefits given to any non-safety group. In *Sturgeon v. County of Los Angeles,* 167 Cal.App.4th 630, 654-55 (2008)[12], the court considered the validity of granting benefits to superior court judges. Though focused on other statutes, the opinion considers the application of Section 53201, which authorizes local agencies to provide "any health and welfare benefits for the benefit of its officers, employees, *retired employees*, *and retired members of the legislative body,*" and the Section 53208.5 limitation of such benefits to the most generous benefits offered to non-safety employees. The court indicates that there is "no limitation on the amount or kinds of benefits a local agency may provide its employees or any requirement the benefits be provided on a uniform basis to all classes and categories of employees, except that the benefits provided to members of an agency's legislative body are limited to "the most generous schedule of benefits being received by any category of nonsafety employees."[13] (Emphasis added) This language is shadowed in at least one Attorney General opinion, recognizing that benefits "must be part of *a plan* for large numbers of employees." 80 Ops. Cal. Atty. Gen. 119 (1997)(emphasis added). The wording implies that the level of benefits offered to different groups need not be identical, so long as the plan itself offers some coverage to large numbers of employees.

Thus, so long as a large number of employees receive some level of benefits under the medical plan, section 53202.3 should not be an issue. What constitutes a "large number?" There is virtually no guidance on this issue. In 83 Ops. Cal. Atty. Gen. 45 (2000), the Attorney General examined certain annuities offered by a county office of education, concluding that they were not "health and welfare" benefits under Government Code sections 53200-53210. In so concluding, the AG noted the requirement that any plan "shall provide benefits for large numbers of employees . . . ."

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11 *See* White v. Ultramar, Inc., 21 Cal. 4th 563, 572 (1999), *quoting* Dyna-Med, Inc. v. Fair Employment & Housing Com., 43 Cal.3d 1379, 1386 (1987).

12 Note: overturned on unrelated constitutional grounds

13 "In the context of the wide range of benefits allowed by section 53201, section 53200.3 only requires that each county provide its judges the same or similar health and employee benefits it provides "its employees." Because, as section 53208.5 expressly recognizes, the benefits permitted under section 53201 may vary substantially between classes and categories of employees and may be subject to abuse, the reference to benefits provided "employees" in section 53200.3 does not contain a readily discernible standard or safeguard." Sturgeon v. County of Los Angeles, 167 Cal.App.4th 630, 654-55 (2008) Section 53200.3 limits superior court judges "to the same or similar employee benefits as are now required or granted to employees of the county," a standard just as ambiguous as that contained in Sections 53202.3 and 36516(d).

and observed that the "plan was offered to 58 out of 1,410 employees of the county office." Based on the tenor of this observation, it is predictable that the AG would have found that this percentage did not constitute "large numbers of employees."

Caveat: There are Attorney General opinions implying, without explicitly ruling, that the "same" level of benefits must be received by large numbers of employees. [14] But I think it would be fair to conclude that, to the extent the City participates in a health care "plan" such as Kaiser or Blue Cross, the statute is satisfied if the basic coverage is the same for everybody even though the City might pay a higher share of the premiums for some employee groups as opposed to others. On the other hand, where the City provides certain benefits that are not part of a "plan," per se, then it *might be* reasonable to conclude that such a benefit constitutes its own "plan" and the same benefit must be provided to large numbers of employees. For example, in 73 Ops.Cal.Atty.Gen. 296 (1990), the AG ruled that the city council of a general law city may provide for its members during their current terms of office a prepaid whole life insurance policy which would provide a member upon resignation or termination a direct and immediate cash benefit, provided that such benefits are available to a large number of the city's employees.

In the wake of the Bell scandal, there can be no guarantees that a court will apply these principles of statutory construction in the same manner. A trial or appellate court might easily fall into the trap of focusing on the exact benefit being offered, as opposed to entire "plan" or "policy," of which the one benefit is just a component.[15] Again, there are

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14 These AG opinions mentioning §53202.3 seem to assume that the actual benefits provided to council members are the same as provided to large numbers of employees. The Attorney General has ruled that a school board may grant fully paid health and welfare benefits to age 65 to its former elective members who have served at least 12 years on the board after January 1, 1981, if such benefits are a continuation of a grant made or in effect during the members' respective terms of office and the benefits are provided to large numbers of the school district's employees. 77 Ops. Cal. Atty. Gen. 50 (1994). In that opinion, and one other, 73 Ops. Cal. Atty. Gen. 296 (1990), the AG seemed to imply, without discussing directly, that the exact benefits provided to council members must be the same as provided to large numbers of employees.

15 In fact, the Attorney General did just this in its opinion on the legality of the "in-lieu" pay, 89 Ops.Cal.Atty.Gen. 107 (2006), discussed in Section 1.F, supra. The AG ruled that "in-lieu" pay was not part of the health and welfare plan offered to employees, because it was a cash payment as opposed to a payment directly for health and welfare coverage. A good argument can be made that the AG erred in focusing its analysis on the *benefit received,* as opposed to the "*plan."* The provision of in-lieu benefits to city officials and employees can be argued to be part and parcel of the city's medical "plan;" since council members "may participate in *any plan* of health and welfare benefits," such a benefit should be allowable. Such a reading gives a more expansive interpretation to the term "plan of health and welfare benefits," reasoning that the plan's allowance of in-lieu pay when dual medical coverage would otherwise occur results in a saving of city funds, and is in furtherance of the city's ability and obligation to pay for medical coverage of all city employees. Because the AG fell into the seductive trap of concentrating on the exact benefit as opposed to the "plan" in its entirety, it would not be shocking to see a court follow the same mindset.

no Attorney General opinions directly on point, and even the holding in the *Sturgeon* case is not directly on point. In light of the Sturgeon case, however, it should be safe to assume that a city need not pay the same amount for all employees, and that council members are not restricted to exactly the same city payments as "most" other employees.

III. MEDICAL BENEFITS FOR COUNCIL MEMBERS WHO LEAVE OFFICE

Cities may provide post-service health benefits by two different means: 1) through a PERS retirement contribution; and 2) in addition to, or in place of, PERS benefits. Consequently, in reviewing the legality of this benefit, it is necessary to analyze two different statutory schemes as set forth below:

PERS Contribution: The Public Employees' Medical and Hospital Care Act ("PEMHCA" - Gov. Code, §§ 22750-22948) permits public agencies to provide health care benefits to their employees and "annuitants" (retirees) under specified circumstances. PEMHCA is administered by PERS. A local "contracting agency," such as the city, and "each employee or annuitant" must contribute to the cost of health plan coverage provided under a plan approved by PERS. (§22890(a)). (89 Ops.Cal.Atty.Gen. 232 (2006).)

Non-PEMHCA Coverage: While there is no case law making this distinction, the Attorney General has held that PEMHCA authorizes an alternative method for local agencies to provide health benefits. One agency can operate under the PERS-PEMHCA scheme for medical coverage, and also provide other health and welfare benefits that are not subject to PEMHCA. 76 Ops.Cal.Atty.Gen. 91 (1993). When an agency contracts for its own health insurance coverage for elected officials (e.g. dental, vision, legal, life), the legality of that coverage is subject to Government Code sections 53200-53210.

A. Retiree Medical Coverage Under PEMHCA

Under Government Code sections 22890 and 22892, both the city and employees/annuitants are to contribute towards the cost of the medical premiums. The amount of the city contribution is set by city council resolution to be filed with PERS. That amount shall be equal for both employees and annuitants, and cannot be less than $97 per month as of 1998, adjusted each year by PERS to reflect CPI.[16] Notwithstanding this equal contribution requirement, the city is allowed to establish a lesser monthly city contribution for annuitants than employees, provided that the city contribution for annuitants is annually increased by a specified formula until the contributions are equal. The annual adjustment requirement only applies to cities which become subject to it after January 1, 1986. Thus, the statute anticipates that, eventually, the City will contribute an equal amount to medical coverage for both current employees *and* retirees.

16 The current amount: $285 for family coverage; $220 for two-party coverage; $108 for single coverage.

Following negotiations with represented employees, a city could choose to prospectively amend its resolution, or adopt a resolution under Government Code section 22893, which authorizes the City to contribute to retiree medical coverage in specified percentages, such as 50% after 10 years of service, up to 100% after 20 years of service. Certain other provisions in the statute govern the calculations.

When PERS issues its monthly retirement checks, it will deduct the entire cost of medical insurance from the retiree's check, backfilled by the amount that the City contributes pursuant to its resolution which established the amounts contributed for employees and annuitants.[17] The same benefit is provided to all employees, elected officials, and retirees, and thus would be in full compliance with Government Code section 53200 et seq., if a court were to rule that coverage under PEMHCA was also subject to the limitations and restrictions set forth in this other statutory scheme.

B. Non-PEMHCA Continuation of Health Coverage

If a city supplements medical coverage payments to former council members beyond the amount set forth in its PEMHCA resolution, or offers additional health and welfare coverages, the supplement must be analyzed as a "health and welfare" benefit under Government Code section 53201 et seq.

The applicable statute here is Government Code section 53201, repeated in its entirety, with emphasis added, in the footnote.[18]

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17 2 C.C.R. §599.504(f)

18 (a) The legislative body of a local agency, subject to conditions as may be established by it, may provide for any health and welfare benefits for the benefit of its officers, employees, retired employees, and retired members of the legislative body, as provided in subdivision (b), who elect to accept the benefits and who authorize the local agency to deduct the premiums, dues, or other charges from their compensation, to the extent that the charges are not covered by payments from funds under the jurisdiction of the local agency as permitted by Section 53205.

(b) The legislative body of a local agency may also provide for the continuation of any health and welfare benefits for the benefit of former elective members of the legislative body who (1) served in office after January 1, 1981, and whose total service at the time of termination is not less than 12 years, or (2) have completed one or more terms of office, but less than 12 years, and who agree to and do pay the full costs of the health and welfare benefits.

(c) (1) Notwithstanding any other provision of law, a legislative body of a local agency that provided benefits pursuant to subdivision (b) to former elective members of the legislative body January 1, 1995, shall not provide those benefits to any person first elected to a term of office that begins on or after January 1, 1995, unless the recipient participates on a self-pay basis, as provided in subdivision (b).

(2) A legislative body of a local agency that did not provide benefits pursuant to subdivision (b) to former elective members of the legislative body before January 1, 1994, shall not provide those benefits to former elective members of the legislative body after January 1, 1994, unless the recipients participate on a self-pay basis.

(3) A legislative body of a local agency that provided benefits pursuant to subdivision (b) to former elective members of the legislative body before January 1, 1994, may continue to provide those benefits to those members who received those benefits before January 1, 1994.

In interpreting this statute, the first key is realizing that there is a difference between "retired" members of the legislative body, and "former" members of the legislative body. Government Code section 53201, subdivisions (b) and (c) prohibit continued medical coverage only for "former" council members, as opposed to council members "retired" under PERS and subject to PEMHCA. A "former" council member is someone who has served on the council but does not retire upon leaving office.[19] The Attorney General has ruled that there is no contradiction between this statutory scheme and PEMHCA, because the prohibitions and restrictions of section 53201 regarding "former members" have no application to annuitants enrolled under PEMHCA. 90 Ops. Cal. Atty. Gen. 32 (2007).

In a PERS jurisdiction, a one-term council member would be a former member, because he or she would not have served for the five years necessary to vest under PERS. For these council members who leave office without having officially "retired," the statute seemingly provides as follows:

First, a council could provide for "former" council members serving after 1981 to receive continued coverage if they have served at least 12 years. If less than 12 years, the former member could participate in the health plan on a self-pay basis. As of 1995, however, this broad authorization for city-paid coverage after 12 years, set forth in subsection (b) was terminated by subsection (c). See 83 Ops. Cal. Atty. Gen. 14 (2000) (city could provide for continued health coverage for former councilmember who has served 12 years, but not for former councilmember who has served 5 years.)

Second, where a city did provide these benefits to former council members as of January 1, 1995, those council members would be grandfathered in when they leave office, but the city could not offer the same coverage to council members first elected after January 1, 1995. If the City did not provide "former" council members with medical coverage before that date, it cannot thereafter provide it to council members unless it is on a self-pay basis, even though the council members may have been on the council prior to the cut-off date.

(d) The legislative body of a local agency that is a local hospital district may provide for any health and welfare benefits for the benefit of (1) members of its medical staff, employees of the medical staff members, and the dependents of both groups on a self-pay basis; and (2) employees of any entity owned, managed, controlled, or similarly affiliated with, the legislative body of the local hospital district, and their dependents, on a self-pay basis.

(e) The provisions of this section are severable. If any provision of this section or its application is held invalid, that invalidity shall not affect other provisions or applications that can be given effect without the invalid provision or application.

19 Under PERS, this means not only that the official serve at least five years, but that he or she file retirement papers within 120 days of separation of service. (Gov't Code §22760(c)) In other words, a councilmember who served well over the five year minimum, but left office when he was only 35 years old, could not receive city-paid PEMHCA continued health care coverage because he would not be eligible to retire until the age of 50.

Summary: In the modern era, any council member in a PERS city who serves less than five years, or is not yet 50 years old at the time he leaves the Council, will not be entitled to PEMHCA medical coverage, or city-paid health and welfare coverage unless it is on a self-pay basis. No city may, at this point, provide for city-paid health and welfare coverage for "former" council members where it had not done so before 1994.

C. Non-PEMHCA Coverage For "Retired" Council Members

Are "retired" members subject to the same constraints as "former" members, as set forth in subsections (b) and (c)? As to the City's payments to PERS for coverage under PEMHCA, the answer is no. The AG has ruled that a county may contribute toward the costs of health care coverage provided under PEMHCA for a retired member of the board of supervisors who is a PERS member and is otherwise eligible for such health care coverage, even though the supervisor did not meet the criteria in subdivisions (b) and (c): subdivisions (b) and (c) are not applicable to PEMHCA annuitants (council members who retire under the PERS system), as those provisions would conflict with the mandate of Government Code section 22890(a), that contracting agencies must contribute to the health care coverage of their annuitants (retirees). 90 Ops. Cal. Atty. Gen. 32 (2007).

If the Attorney General is correct in its interpretation of the statute, [20] and its opinion is applied at face value, the 12 years of service requirement for a former council member to receive continued, city-paid health and welfare benefits, and other restrictions in the section 53200 series, does not apply where a council member has retired.[21]

The unanswered question: if indeed a councilmember has attained "retired" status, are the section 53201 restrictions on health and welfare benefits inapplicable even as to benefits that are above and beyond the city's PEMCHA contribution? For example, may a city provide continued dental coverage to retired council members even though they did not serve for 12 years? Even though such coverage was not provided before 1995? Assuming that the City's PERS resolution does not provide full medical coverage for retirees, can the City "supplement" its contribution so that the entire premium is paid by the City, instead of just the portion set forth in the section 22890 resolution?

Government Code section 53205 expressly provides that the council may authorize payment of all, or such portion as it may elect, of the premiums, dues, or other charges for health and welfare benefits of "officers, employees, retired employees, former elective members specified in subdivision (b) of section 53201, and *retired* members of the legislative body subject to its jurisdiction." This explicit reference to retired members of the legislative body in the same sentence as "former" members provides support for

20 While AG opinions are treated with "great respect," they are not binding upon a court. Thorning v. Hollister School Dist. (1993) 11 Cal.App.4th 1598, 1604.

21 90 Ops. Cal. Atty. Gen. 32 (2007).

the position that a city may provide for retired council members both a supplement to its PEMHCA contribution (so long as provided to other non-safety employees), as well as any other health and welfare benefits not covered by PEMHCA, such as dental or life insurance.

On the other hand, the AG opinion, 90 Ops. Cal. Atty. Gen. 32 (2007), rests on the conclusion that applying the section 53201 restrictions to PEMHCA payments would conflict with the PEMHCA statutory scheme. It did not discuss whether, once retired under PEMHCA, a council member is restricted to the benefits offered by that system. If the City is picking up payments in addition to, and not required by PEMHCA, the underlying rationale for exempting "retired" as opposed to "former" council members from section 53201 may be lost.

It can thus easily be argued that council members retired under PERS are exempt from those restrictions only to the extent that they receive PERS-authorized and mandated continued medical coverage as set forth in each city's resolution under Government Code sections 22890 and 22892. In light of the statutory intent of the entire statutory scheme[22] there is a risk that a court would rule that a supplement beyond the resolution's amount would violate section 53201(b).

However, the fact is that both the statutory scheme and the AG opinions do draw a clear line between status of "former" council member, and the status of "retired" council member. Cities that choose to take that division at face value certainly have a good faith argument in their favor. In fact, good policy reasons for this division can be articulated: the requirement to be "retired," at least in a PERS jurisdiction, means that no council member who has left service is entitled to any city-paid benefits unless he or she is at least fifty years old, has served 5 years, and files retirement papers right after separation from service. So, anyone who serves on a council at a young age, and leaves the council prior to age 50, does not qualify under PERS rules for PEMHCA coverage because of the necessary lapse in time between separation from service and the retirement date. Similarly, he or she does not qualify for "continued" benefits under Section 53201 because he or she will not be retired until long after leaving office, even if he or she has served 12 years, and thus will not be receiving PEMHCA coverage when

22 Government Code section 53208.5 provides, in relevant part: "(a) It is the intent of the Legislature in enacting this section, to provide a uniform limit on the health and welfare benefits for the members of the legislative bodies of all political subdivisions of the state, including charter cities and charter counties. The Legislature finds and declares that uneven, conflicting, and inconsistent health and welfare benefits for legislative bodies distort the statewide system of intergovernmental finance. The Legislature further finds and declares that the inequities caused by these problems extend beyond the boundaries of individual public agencies. Therefore, the Legislature finds and declares that these problems are not merely municipal affairs or matters of local interest and that they are truly matters of statewide concern that require the direct attention of the state government. In providing a uniform limit on the health and welfare benefits for the legislative bodies of all political subdivisions of the state, the Legislature has provided a solution to a statewide problem that is greater than local in its effect."

he or she does finally file with PERS for retirement.

If, in fact, the statute's restrictions are completely inapplicable to any kind of health and welfare benefit offered to "retired" members, and that a city therefore has decided to supplement its payments for PEMHCA medical coverage beyond the amounts set forth in its section 22890 resolution, one more issue presents itself: Does payment of the remaining cost of medical insurance premiums directly to the council member qualify under section 53200(d) as an allowable "health and welfare benefit?" That section defines the term to mean "any one or more of the following: hospital, medical, surgical, disability, legal expense or related benefits including, but not limited to, medical, dental, life, legal expense, and income protection insurance or benefits, whether provided on an insurance or a service basis, and includes group life insurance." (Emphasis added).

In 83 Ops. Cal. Atty. Gen. 124 (2000), the Attorney General considered the meaning of the words "provided on an insurance or a service basis." The AG determined that a "service" plan is distinguished from an "insurance" plan in that the latter features indemnity paid to the "insured." It reimburses for all or part of an obligation which was incurred. The principal feature of a "service" plan, on the other hand, is that the physician has agreed to look exclusively to the plan for payment. The member owes nothing. Regardless of whether the plan is an insurance plan or a service plan, the AG held that the school district was authorized to pay all or a part of the cost of such benefits.

The Attorney General then concluded that the school district could allow its governing board members to choose their own service or insurance plans and be reimbursed for such costs. "If the school district chooses to grant such approval, we see no impediment to the district paying for the benefit by way of reimbursement to its officers or employees instead of making direct payment to the insurer or health care provider." The AG did rule that a school district may not make cash payments to members of its governing board in lieu of providing them with health insurance benefits.

Summary: The Attorney General in 90 Ops. Cal. Atty. Gen. 32 (2007) held that the section 53201 restrictions will not apply to retired council members, and thus cities which have provided such supplemental benefits have at least a good faith basis to conclude that direct reimbursement to retired council members for the cost of their medical premiums is a permissible health insurance benefit under the Government Code, provided that it satisfies the other requirements set forth in Government Code section 53200 et seq. However, logically, an argument can be made that the AG's analysis should be limited to medical benefits provided under PEMHCA. Moreover, it has never been blessed by a court, and there are substantial arguments that could lead a court to conclude otherwise.

IV. OTHER RETIREMENT BENEFITS

Government Code section 53060.1 declares that the extent of retirement benefits for legislative bodies, including city councils, is a matter of statewide concern and is not a municipal affair. The statute places similar constraints on the receipt of retirement benefits as the section 53200 series does on health and welfare benefits. Specifically, the statute provides that council retirement benefits "shall be no greater than that received by nonsafety employees" of the city, and that "in the case of agencies with different benefit structures, the benefits of members of the legislative body shall not be greater than the most generous schedule of benefits being received by any category of nonsafety employees." The section is applicable to any member of a legislative body whose first service commences on and after January 1, 1995.

One other statutory scheme deserves mention. Government Code section 45300 et seq. provides that "any city may establish a retirement system for its officers and employees and provide for the payment of retirement allowances, pensions, disability payments, and death benefits…" (§45301). The city cannot adopt an ordinance establishing such a system unless the employees first approve it in a secret ballot election. The ordinance requires a 2/3 vote of the Council or a majority vote of the electorate, and only the electorate can repeal it. Under the statute, this city retirement system can establish reciprocity with PERS.

V. Conclusion

Each city council faced with the question of determining its own salary and benefits must confront an ethical dilemma and must make a value judgment as to salary and benefits. It is likely that some of the electorate in your city, in the wake of the Bell scandal, now feels that all public servants, including council members, are overpaid. Many may feel that, since members of boards of directors of local non-profit corporations receive no salary for their charitable endeavors, so, too, councilmembers should also receive no salary or benefits since they are engaged in a public, charitable endeavor for the good of the community. On the other hand, it can also be fairly stated that council members can and do put in long hours and have sometimes weighty responsibilities, worthy of recompense.

In determining that any salary (and benefits) should be paid, or that existing salaries should be increased, a city council must weigh and balance these two competing theories, and try to minimize the inherent self-interest involved in voting on such items.

This paper has attempted to answer some of the questions involved in these decisions. It does NOT cover IRS /tax implications where a city pays for medical or retirement expenses, and, given the uncertainty of the law in these areas, it certainly does not purport to offer definitive answers and unassailable conclusions. The author will be happy to discuss any issues, however, with inquiring minds.