DOCKETED	
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Project Title:	Darden Clean Energy Project
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Submission Date:	2/18/2025 2:20:37 PM
Docketed Date:	2/18/2025

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Source: Figure 1 in Ogaz, A., C. Felt, A. Losco. 2023. *Darden Clean Energy Project Cultural Resources Technical Report, Fresno County, California*. Rincon Consultants Project No. 22-12530. Report on file at the Southern San Joaquin Valley Information Center, California State University, Bakersfield.

From: /O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ED87FF1E22CD49F3AAFF644C82538D46-ROARK, GABR [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ED87FF1E22CD49F3AAFF644C82538D46-ROARK, GABR]
Sent: 10/10/2024 9:25:54 PM
To: arr0604w@verizon.net
Subject: Darden Clean Energy Project - Environmental Scoping Meeting on October 16
Attachments: Erolinda Perez_Darden CEP Tribal Letter.pdf

Dear Erolinda Perez,

I am writing to catch you up on the proposed Darden Clean Energy Project (Darden) in Fresno County, near the community of Cantua Creek, because some significant changes to the proposed project have occurred since the California Energy Commission (CEC) first reached out to you about December 21, 2023 (https://efiling.energy.ca.gov/GetDocument.aspx?tn=253712&DocumentContentId=88965). The CEC is considering the Darden application under our Opt-In Certification Program.

In our April 26, 2024, letter to you (attached) inquiring whether your tribe wished to consult with the CEC about Darden, we briefly described a project that would consist of solar photovoltaic arrays, a green hydrogen facility, a battery energy storage system (BESS), step-up and utility switchyards, an operations and maintenance facility, and a generation tie-in line to bring generated electricity from Darden to the wider electrical grid.

There are two major developments that the CEC would like to disclose to you. First, the project applicant withdrew plans to include a green hydrogen facility as part of the Darden project. The applicant provided the CEC with an updated project description on October 9, 2024. You will see that the new project description omits the hydrogen facility and now would consist of solar photovoltaic arrays, a BESS, step-up and utility switchyards, an operations and maintenance facility, and a generation tie-in line. Removal of the green hydrogen facility, which was proposed to sit in one of the solar arrays, does not alter the project boundaries.

The second major development is the scheduling of a public environmental scoping meeting and informational meeting on October 16, 2024, at the Harris Ranch Resort in Coalinga. You can find a copy of the meeting notice, published on October 4, 2024 here: https://efiling.energy.ca.gov/GetDocument.aspx?tn=259447&DocumentContentId=95538. Your attendance is welcomed. I will attend the October 16 meeting and would be glad to speak with you.

Finally, I would like to renew the CEC's offer to consult with your tribe concerning tribal cultural resources. We hope to hear from interested tribes about consultation no later than November 16, 2024.

I know that you are very busy and appreciate your time reviewing this email.

Respectfully,

Gabriel

Gabriel Roark (he/him/his)

Supervisor & Assistant Tribal Liaison
Cultural Resources Unit
Safety & Reliability Branch
Siting, Transmission, and Environmental Protection Division
1-916-237-2544

California Energy Commission
Website: www.energy.ca.gov

CALIFORNIA
ENERGY COMMISSION

CALIFORNIA
NATURAL
RESOURCES
AGENCY

April 26, 2024

Erolinda Perez, Tribal Administrator
North Valley Yokuts Tribe
P.O. Box 717
Linden, CA 95236

Dear Erolinda Perez:

The California Energy Commission (CEC) is responsible for preparing an environmental impact report and other findings for the Darden Clean Energy Project and invites North Valley Yokuts Tribe to consult regarding this project. The CEC will conduct tribal consultation in accordance with the Public Resources Code, sections 21080.3.1 and 25545.7.4, as well as California Code of Regulations, Title 20, section 1878.5. This consultation would focus on environmental impact and mitigation issues and is an opportunity to have your input inform the staff analysis of the proposed project. The CEC staff received the results of a Sacred Lands File search from the California Native American Heritage Commission on November 30, 2023. The search yielded negative findings. The CEC staff would like to consult with you to better understand the concerns of California Native American tribes regarding this project.

Background

In a series of document filings from November 3 through November 9, 2023, IP Darden I LLC and Affiliates (IP Darden) filed an application with the CEC seeking certification from the CEC through the Opt-in Certification process for the Darden Clean Energy Project (Docket No. 23-OPT-02). The proposed project would be in an agricultural area of unincorporated Fresno County south of the community of Cantua Creek.

Project Summary

The proposed Darden Clean Energy Project would consist of a 1,150-megawatt (MW) solar photovoltaic (PV) facility, an up to 4,600 megawatt-hour (MWh) battery energy storage system (BESS), an up to 1,150 MW green hydrogen generator, a 34.5-500 kilovolt (kV) grid step-up substation, a 10- to 15-mile 500-kV generation intertie (gen-tie) line, and a 500-kV utility switching station. The project would interconnect to the existing Pacific Gas and Electric Company (PG&E) Los Banos-Midway #2 500 kV transmission line.

The solar PV facility would be made up of approximately 3,100,000 solar panels, inverter-transformer stations, and an electrical collection system, and would be located on approximately 9,000 acres of lands currently owned by Westlands Water District that IP Darden would purchase. The 500 kV gen-tie line would be sited within an approximate 200-foot-wide easement on private lands. Following construction of the utility switchyard by IP Darden, ownership and operations would transfer to PG&E. The BESS would be capable of storing up to 1,150 MW of electricity for four hours (up-to 4,600 MWh). The green hydrogen facility would be located on up to 225 acres and would consist of an electrolyzer, water treatment plant, and ancillary equipment. The electrolyzer would be powered by up to 1,150 MW of behind-the-meter renewable power generated by the solar facility and would be capable of producing up to 220 tonnes per day of pure, gaseous hydrogen.

Additional information about the proposed project is available at the locations provided in the following list.

1. Project Description and Figures: https://efiling.energy.ca.gov/GetDocument.aspx?tn=252985&DocumentContentId=88135
2. Cultural Resources Section of the Application: https://efiling.energy.ca.gov/GetDocument.aspx?tn=252971&DocumentContentId=88122
3. The rest of the application is made up of the documents filed on the Darden Clean Energy Project docket: https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=23-OPT-02

CEC Opt-In Process

On June 30, 2022, Governor Gavin Newsom signed Assembly Bill (AB) 205, which authorized the CEC to establish a new certification program for eligible non-fossil-fueled power plants and related facilities to optionally seek certification ("Opt-in" Certification) from the CEC. Requirements for the Opt-in Certification program are in Chapter 6.2, Division 15, of the Public Resources Code, sections 25545–25545.13. Regulations to implement the program can be found in California Code of Regulations, Title 20, sections 1875–1882. The Opt-in Certification program is in effect through June 30, 2029.

Under this new Opt-in Certification process, the types of facilities that can be certified by the CEC now includes solar photovoltaic and terrestrial wind energy power plants of 50 MW or more, energy storage facilities of 200 megawatt-hours (MWh) or more, the electric transmission lines from these facilities to the first point of interconnection with the existing transmission grid, and facilities that manufacture or assemble clean energy or storage technologies or their components with a capital investment of at least $250 million. In addition, thermal power plants of 50 MW or more that do not use fossil or

nuclear fuels may choose the Opt-in Certification process rather than the CEC's Application for Certification process.

The CEC is the lead agency under the California Environmental Quality Act (CEQA) and is required to prepare an environmental impact report (EIR) for any facility that elects to opt-in to the CEC's jurisdiction. With exceptions, the issuance of a certificate by the CEC for an eligible facility is in lieu of any permit, certificate, or similar document required by any state, local, or regional agency, or federal agency to the extent permitted by federal law, and supersedes any applicable statute, ordinance, or regulation of any state, local, or regional agency, or federal agency to the extent permitted by federal law. The CEC's authority under the Opt-in Certification program does not supersede the authorities of the California State Lands Commission, the California Coastal Commission, or the San Francisco Bay Conservation and Development Commission, if applicable, the State Water Resources Control Board or applicable regional water quality control board, or, in the case of manufacturing facilities, the applicable local air quality management district or the Department of Toxic Substances Control.

The CEC is required to prepare an EIR and make its decision on the application within 270 days of receiving a complete application. The CEC will also conduct public meetings in the project area, including an informational and public scoping meeting during the development of the EIR, and a public workshop during the 60-day comment period on the Draft EIR, which will be included as part of the CEC's Staff Assessment of the application. After the conclusion of the public comment period, the CEC staff will publish an updated Staff Assessment (which will include a Final EIR), and the CEC's Executive Director's recommendation on whether the CEC should certify the EIR and issue a certificate for construction and operation of the proposed project. The updated Staff Assessment and Executive Director's recommendation will be published at least 30 days before the CEC's decision at a public meeting.

The other agencies that retain their permitting authorities must take final action on any additional permits within 90 days of the CEC issuing a certificate.

Participation

In addition to the tribal consultation required under CEQA and the Warren-Alquist Act, the CEC welcomes your participation in the Opt-in review process. Pursuant to the Public Resources Code, section 25545.7.4, we are providing the link to the Darden Clean Energy Project application, hosted on the CEC website at: https://www.energy.ca.gov/powerplant/solar-photovoltaic-pv/darden-clean-energy-project.

To stay informed about this project and receive notice of upcoming meetings and workshops, sign up for the project subscription, which can be accessed on the same

project webpage. Once enrolled, automatic email notifications are sent when documents and notices are posted to the project webpage.

The CEC staff welcomes your comments and questions, which are important to staff's analysis of the proposed project. Please do not hesitate to contact:

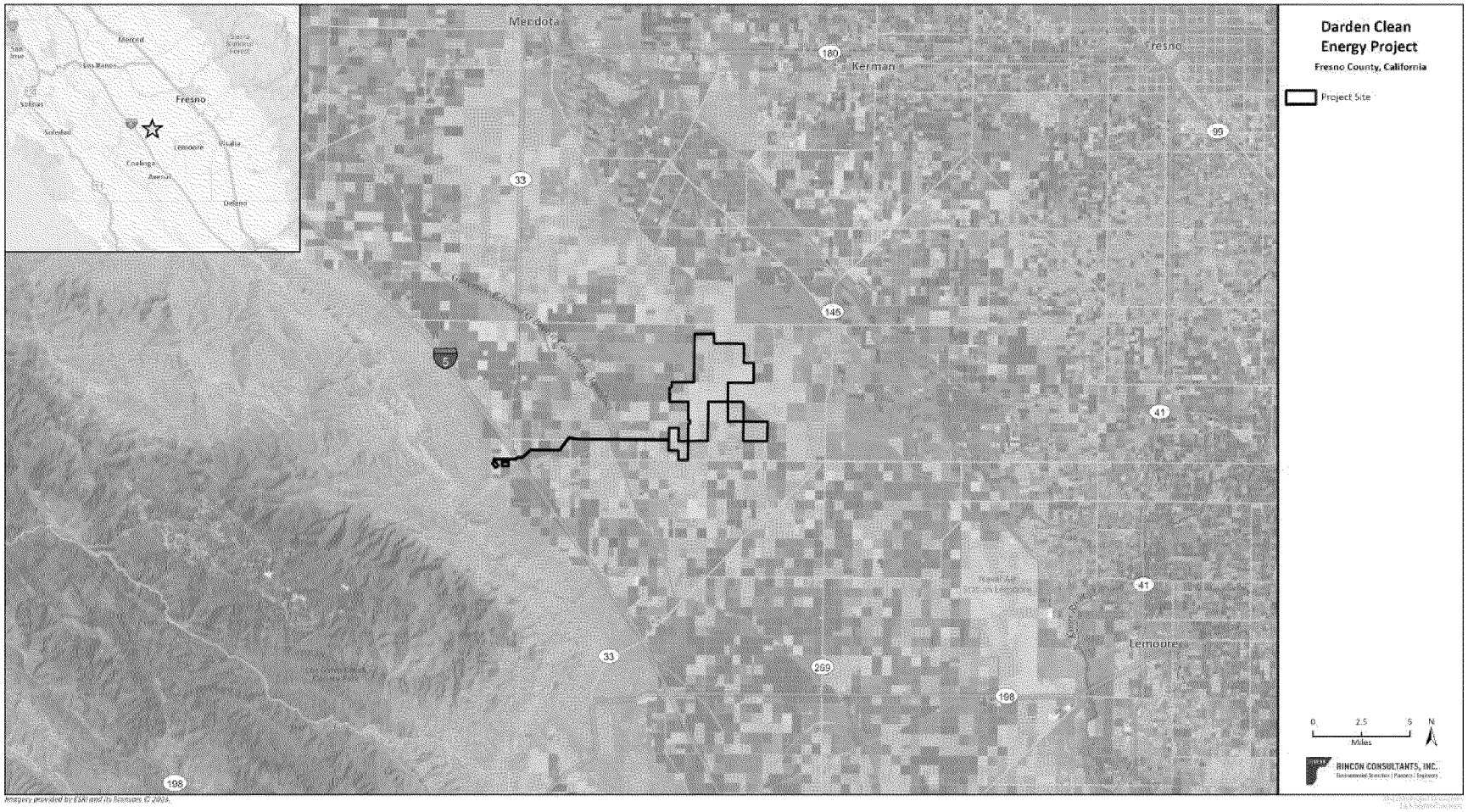
Assistant Tribal Liaison, Gabriel Roark, at (916) 237-2544 or by email at gabriel.roark@energy.ca.gov.

Sincerely,

Sierra Graves

Sierra Graves
Tribal and Community Engagement Lead

Attachment:
Project Location Maps



Source: Figure 2 in Ogaz, A., C. Felt, A. Losco. 2023. *Darden Clean Energy Project Cultural Resources Technical Report, Fresno County, California*. Rincon Consultants Project No. 22-12530. Report on file at the Southern San Joaquin Valley Information Center, California State University, Bakersfield.



Source: Figure 1 in Ogaz, A., C. Felt, A. Losco. 2023. *Darden Clean Energy Project Cultural Resources Technical Report, Fresno County, California*. Rincon Consultants Project No. 22-12530. Report on file at the Southern San Joaquin Valley Information Center, California State University, Bakersfield.

From: Ackerman, James@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=3CC35DE240CF4253AF9CC7D3D2CBB643-ACKERMAN, J]
Sent: 10/18/2024 6:10:53 PM
To: Schmitz, Lori@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=73a4326a58c44f09b51709b410ef7368-Waterboards]
CC: Reyes, Cinthia@Waterboards [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a2fefe796af447b691f62f573b60ae69-Waterboards]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Abulaban, Abdel-Karim@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c1ff1d38281a4068b2708271d22c0d94-Abulaban, A]
Subject: RE: California Energy Commission, Darden Clean Energy (23-OPT-02) , Water Service?

Lori: the 12 permanent staff for the solar facility and 4 permanent staff for the BESS would be more than 60 days since they would be daily.

The 17 staff washing PV panels would occur 4 times a year I assume would be less than 60 days a year.

I could not find any details of how often the 4 staff for facility maintenance and 12 staff for vegetation management would be deployed. I imagine vegetation management would not exceed 60 days a year, but imagine the facility maintenance would.

Now that the applicant has removed the hydrogen generation element from the project, the associated 24 staff would not be needed.

Therefore, I would estimate 16 to 20 staff would be using potable water over 60 days per year.

Regarding the water supply, according to Section 2.1.6.5 of the revised project description; " *Water supply for the Project would be sourced from groundwater allocated for municipal and industrial (M&I) uses and conferred to the Project company by Westlands Water District (WWD) in connection with the option to purchase the property".*

The project site is included within 100,000 acres of WWD land to be taken out of production per a 2015 settlement between the WWD and the U.S. Bureau of Reclamation.

As a requirement of the settlement, groundwater withdrawal is limited to 2AFY per every 320 acres during operations and 130 AFY per 320 acres during construction.

So based on the 9,100 acre project site, 56 AFY would be available for operations and 3,697 AFY would be available during construction.

James Ackerman, PG #6493
Engineering Geologist
California Energy Commission
Siting, Transmission and Environmental Protection Division
Direct: (530) 878-4966
Email: james.ackerman@energy.ca.gov

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Tuesday, October 15, 2024 12:09 PM
To: Schmitz, Lori@Waterboards <Lori.Schmitz@waterboards.ca.gov>; Abulaban, Abdel-Karim@Energy <Abdel-Karim.Abulaban@energy.ca.gov>; Ackerman, James@Energy <james.ackerman@energy.ca.gov>
Cc: Reyes, Cinthia@Waterboards <Cinthia.Reyes@Waterboards.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: California Energy Commission, Darden Clean Energy (23-OPT-02) , Water Service?

Hi Lori,

Thank you for reaching out. I am looping in James Ackerman, your technical staff contact for water resources and Abdel-Karim Abulaban (Karim) the supervisor in the Geological Sciences Unit, to address your questions below.

We will be hosting an Environmental Scoping and Informational Meeting tomorrow. Do you plan to call in remotely?
https://www.energy.ca.gov/event/meeting/2024-10/environmental-scoping-and-informational-meeting

Thanks!

Ann

Ann Crisp

Senior Environmental Planner

Siting and Environmental Branch

Siting, Transmission and Environmental Protection Division

1-916-352-0543

California Energy Commission

Website: www.energy.ca.gov

From: Schmitz, Lori@Waterboards <Lori.Schmitz@waterboards.ca.gov>
Sent: Tuesday, October 15, 2024 11:50 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Reyes, Cinthia@Waterboards <Cinthia.Reyes@Waterboards.ca.gov>
Subject: California Energy Commission, Darden Clean Energy (23-OPT-02) , Water Service?

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ann,

I help out the State Water Resources Control Board, Division of Drinking Water with CEQA for water supply permits.

A public water system, as defined in the California Health and Safety Code (Health & Saf. Code) § 116275 subd. [h], is "a system for the provision of water for human

consumption through pipes or other constructed conveyances that has 15 or more service connections or regularly serves at least 25 individuals daily at least 60 days out of the year.

"Human consumption" means the use of water for drinking, bathing or showering, hand washing, oral hygiene, or cooking, including, but not limited to, preparing food and washing dishes." Health & Saf. Code § 116275 subd. [e].

During operation of the Darden Clean Energy (23-OPT-02) Project, an average of 12 permanent staff associated with the solar facility would be on-site daily, with additional staff during intermittent solar panel washing (17 staff), facility maintenance and repairs (4 staff), and vegetation management activities (12 staff). Up to 4 average permanent staff associated with the BESS would be on-site daily. In addition, up to 24 average permanent staff would be required for the operation of the green hydrogen facility, with up to 16 staff members on site each 24-hour period. Off-duty Project operators may be on call to respond to specific alerts generated by the monitoring equipment at the Project site. Security personnel would be on-call.

Could you let me know if the applicant believes the Project will be serving more than 25 individuals daily at least 60 days out of the year?

Also could you let me know what source of water would be provided to the workers?

I am trying to determine if this project would trigger a discretionary action for our State Water Resources Control Board, Division of Drinking Water, Fresno District office.

Thanks!

Lori Schmitz

Lori Schmitz

State Water Resources Control Board

Division of Financial Assistance

Special Project Review Unit

Lori.Schmitz@waterboards.ca.gov

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 10/15/2024 9:35:16 PM
To: Will Lutkewitte [will.lutkewitte@intersectpower.com]
CC: Becky Moores [becky.moores@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Cusato, Anthony@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=92bb3e53fa2c490d87929b4b84ce28c9-b8359c82-60]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Cabrera, Crystal@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ed6e32a127144ccfa19a6f4347765a9e-00a33618-ff]; Megan Svedman [megan.svedman@intersectpower.com]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

Thanks for confirming!

From: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Sent: Tuesday, October 15, 2024 2:17 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Becky Moores <becky.moores@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>; Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

There are no additional CBAs to update on.

Sincerely,

Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

On Fri, Oct 11, 2024 at 1:01 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

> Hi Marisa,
>
> Could you provide an update on the item below in highlight?
>
> Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Friday, September 27, 2024 9:11 AM

To: Becky Moores <becky.moores@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>; Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

Hi Becky,

Thank you for meeting last week to discuss the the CBA with Centro La Familia Advocacy (TN 258569). Staff counsel reviewed the amendment and found the revised terms acceptable (TN 259219).

At this time we are not seeking any further amendments to the CBA.

Do you have a status update on the submittal of any further signed CBAs?

Thanks,

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Tuesday, September 17, 2024 6:51 AM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>; Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

HI Becky,

As of right now, 1030 AM on Thursday would be best, does that work for your team? If not, I can look into other times.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, September 16, 2024 3:47 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>; Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

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Ann - Wednesday or Thursday are preferred days for a meeting, can you send availability for your team?

Thanks,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com
Upcoming PTO: October 1 - 18

On Mon, Sep 16, 2024 at 3:19 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

The CEC staff counsel assigned to the project have reviewed the Darden Community Benefits Agreement (TN 258569). Staff counsel has comments that we would like to discuss and we would like to set up a meeting. Does that work for you? We can provide a summary of the comments prior to the meeting.

Are there any days this week that work best for you?

Do you have a status update on the submittal of any further signed CBAs?

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Will Lutkewitte [will.lutkewitte@intersectpower.com]
Sent: 10/17/2024 3:20:48 PM
To: Watson, Carol@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=84e32d50c7dc47d89812b468a50090ed-Watson, Car]
CC: Stroud, Andrea@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9703ce11dc9547c78c64f22894500b5c-Martine, An]; Swanberg, Carrie@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=14e182d204a9453892624e45297fac1e-WildlifeCar]; Vang, Jim@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=32237e96460546779116e0d64096b692-WildlifeJim]; Marisa Mitchell [marisa@intersectpower.com]; Becky Moores [becky.moores@intersectpower.com]; David Daitch [ddaitch@rinconconsultants.com]; Christina Shushnar [cshushnar@rinconconsultants.com]; Evelyn Langsdale [elangsdale@rinconconsultants.com]; Lindsey Sarquilla [lsarquilla@rinconconsultants.com]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CEC and CDFW site visit

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Good morning all,

I wanted to just send everyone a reminder that we will be meeting at 10:30 at the Option 1 Project Components, 36°28'21.74"N, 120°12'43.15"W.

See you all soon,

Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

On Tue, Oct 15, 2024 at 3:50 PM Watson, Carol@Energy <Carol.Watson@energy.ca.gov> wrote:

> Thank you!
>
> Carol

From: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Sent: Tuesday, October 15, 2024 10:01 AM
To: Watson, Carol@Energy <Carol.Watson@energy.ca.gov>
Cc: Stroud, Andrea@Energy <Andrea.Stroud@energy.ca.gov>; Swanberg, Carrie@Wildlife <Carrie.Swanberg@wildlife.ca.gov>; Vang, Jim@Wildlife <Jim.Vang@wildlife.ca.gov>; Marisa Mitchell <marisa@intersectpower.com>; Becky Moores <becky.moores@intersectpower.com>; David Daitch <ddaitch@rinconconsultants.com>; Christina Shushnar <cshushnar@rinconconsultants.com>; Evelyn Langsdale <elangsdale@rinconconsultants.com>; Lindsey Sarquilla <lsarquilla@rinconconsultants.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CEC and CDFW site visit

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Hi Carol,

Please find the revised route and agenda attached. Let me know if you have any more comments or questions.

Also, I want to note that the weather for Thursday currently looks like it'll be sunny and ranging from mid-60s to mid-70s while we are out at the site, so you'll want to bring sun protection, water, and sturdy shoes. Please note, there will not be designated parking at the meeting locations and we will want as few cars as possible congregating at each location. Any carpooling arrangements should be made ahead of time amongst your team members attending.

Thank you, and looking forward to seeing you on Thursday.

Will Lutkewitte

Specialist, Environmental & Permitting

INTERSECT POWER

(e) will.lutkewitte@intersectpower.com

On Fri, Oct 11, 2024 at 2:53 PM Will Lutkewitte <will.lutkewitte@intersectpower.com> wrote:

> Hi Carol,
>
> Yes, we can do that, thanks for the heads up. We'll trim down the route and get that over to you soon.
>
> Sincerely,

Will Lutkewitte

Specialist, Environmental & Permitting

INTERSECT POWER

(e) will.lutkewitte@intersectpower.com

On Fri, Oct 11, 2024 at 2:41 PM Watson, Carol@Energy <Carol.Watson@energy.ca.gov> wrote:

> Thanks, Will, this looks great.
>
> Andrea and I have a call at 1pm. It would be nice to be on a somewhat established route & on our way home so we can focus on that by 1pm at the latest.
>
> Can you trim the agenda a bit?
>
> Thanks,
>
> Carol
>
> Carol Watson
>
> Staff Biologist
>
> Siting, Transmission & Environmental Protection Division
>
> California Energy Commission
>
> 715 P Street
>
> Sacramento, CA 95814

From: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Sent: Friday, October 11, 2024 10:16 AM
To: Stroud, Andrea@Energy <Andrea.Stroud@energy.ca.gov>; Swanberg, Carrie@Wildlife <Carrie.Swanberg@wildlife.ca.gov>; Watson, Carol@Energy <Carol.Watson@energy.ca.gov>; Vang, Jim@Wildlife <Jim.Vang@wildlife.ca.gov>
Cc: Marisa Mitchell <marisa@intersectpower.com>; Becky Moores <becky.moores@intersectpower.com>; David Daitch <ddaitch@rinconconsultants.com>; Christina Shushnar <cshushnar@rinconconsultants.com>; Evelyn Langsdale <elangsdale@rinconconsultants.com>; Lindsey Sarquilla <lsarquilla@rinconconsultants.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CEC and CDFW site visit

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Hi all,

Please find the planned agenda and a KMZ of the route attached for next Thursday's (10/17) visit to the Darden Clean Energy Project site. Please let me know if you have any questions or comments on either the agenda or route. Thank you, and looking forward to seeing you all next week.

Sincerely,

Will Lutkewitte

Specialist, Environmental & Permitting

INTERSECT POWER

(e) will.lutkewitte@intersectpower.com

On Fri, Oct 4, 2024 at 3:29 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Yes, thank you Marisa....you can remove me from the coordination emails for BIO team.

Thanks!

Ann

From: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Sent: Friday, October 4, 2024 12:17 PM
To: Marisa Mitchell <marisa@intersectpower.com>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Swanberg, Carrie@Wildlife <Carrie.Swanberg@wildlife.ca.gov>; Vang, Jim@Wildlife <Jim.Vang@wildlife.ca.gov>; Watson, Carol@Energy <Carol.Watson@energy.ca.gov>; Stroud, Andrea@Energy <Andrea.Stroud@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>; David Daitch <ddaitch@rinconconsultants.com>; Christina Shushnar <cshushnar@rinconconsultants.com>
Subject: RE: Darden Clean Energy Project (23-OPT-02) - CEC and CDFW site visit

Hi Marisa – Appreciate Intersect and Rincon accommodating us. I don't need to be in the coordination loop any further. – Eric

Eric Knight

Manager

Siting & Environmental Branch

Siting, Transmission & Environmental Protection Division

California Energy Commission
(916) 591-9931

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Friday, October 4, 2024 9:17 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Swanberg, Carrie@Wildlife <Carrie.Swanberg@wildlife.ca.gov>; Vang, Jim@Wildlife <Jim.Vang@wildlife.ca.gov>; Watson, Carol@Energy <Carol.Watson@energy.ca.gov>; Stroud, Andrea@Energy <Andrea.Stroud@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>; David Daitch <ddaitch@rinconconsultants.com>; Christina Shushnar <cshushnar@rinconconsultants.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CEC and CDFW site visit

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Will do! Thank you, Ann. I'm copying David Daitch and Christina Shushnar. Ann and Eric, should we keep you in the loop on the coordination?

Marisa Mitchell

Head of Environmental and Permitting

INTERSECT POWER

415.846.0730

marisa@intersectpower.com

www.linkedin.com/in/marisa-n-mitchell

On Fri, Oct 4, 2024 at 7:35 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

Please coordinate with Carol Watson, as lead CEC biologist, and the rest of the BIO group on this email, regarding the site visit on Oct 17. Andrea Stroud, CEC biologist, will also be in attendance. From CDFW, Jim Vang will be in attendance. Once you know the Rincon biologists that will meet the group please provide contact information including cell phone numbers.

CEC BIO staff and CDFW have requested the site visit cover the following:

- A brief representative view of the solar facility
- Gen tie lie / a few of the drainages that cross it
- Utility switchyard location

Carol has provided her cell phone number: 916-237-2542. My office number goes to my cell phone. Please cc me on emails so I am aware of logistics, just in case.

Thanks!

Ann

Ann Crisp

Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Will Lutkewitte [will.lutkewitte@intersectpower.com]
Sent: 10/15/2024 5:01:26 PM
To: Watson, Carol@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=84e32d50c7dc47d89812b468a50090ed-Watson, Car]
CC: Stroud, Andrea@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9703ce11dc9547c78c64f22894500b5c-Martine, An]; Swanberg, Carrie@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=14e182d204a9453892624e45297fac1e-WildlifeCar]; Vang, Jim@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=32237e96460546779116e0d64096b692-WildlifeJim]; Marisa Mitchell [marisa@intersectpower.com]; Becky Moores [becky.moores@intersectpower.com]; David Daitch [ddaitch@rinconconsultants.com]; Christina Shushnar [cshushnar@rinconconsultants.com]; Evelyn Langsdale [elangsdale@rinconconsultants.com]; Lindsey Sarquilla [lsarquilla@rinconconsultants.com]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CEC and CDFW site visit
Attachments: Darden_Site Walk_CDFW and CEC Biologists_10.17.2024 (1).kmz; Darden Site Walk Directions_CDFW and Biologists_revised.docx
Flag: Flag for follow up

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Hi Carol,

Please find the revised route and agenda attached. Let me know if you have any more comments or questions.

Also, I want to note that the weather for Thursday currently looks like it'll be sunny and ranging from mid-60s to mid-70s while we are out at the site, so you'll want to bring sun protection, water, and sturdy shoes. Please note, there will not be designated parking at the meeting locations and we will want as few cars as possible congregating at each location. Any carpooling arrangements should be made ahead of time amongst your team members attending.

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Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

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> INTERSECT POWER
> (e) will.lutkewitte@intersectpower.com

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Carol

Carol Watson

Staff Biologist

Siting, Transmission & Environmental Protection Division

California Energy Commission

715 P Street

Sacramento, CA 95814

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To: Stroud, Andrea@Energy <Andrea.Stroud@energy.ca.gov>; Swanberg, Carrie@Wildlife

<Carrie.Swanberg@wildlife.ca.gov>; Watson, Carol@Energy <Carol.Watson@energy.ca.gov>; Vang, Jim@Wildlife <Jim.Vang@wildlife.ca.gov>
Cc: Marisa Mitchell <marisa@intersectpower.com>; Becky Moores <becky.moores@intersectpower.com>; David Daitch <ddaitch@rinconconsultants.com>; Christina Shushnar <cshushnar@rinconconsultants.com>; Evelyn Langsdale <elangsdale@rinconconsultants.com>; Lindsey Sarquilla <lsarquilla@rinconconsultants.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CEC and CDFW site visit

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Will Lutkewitte

Specialist, Environmental & Permitting

INTERSECT POWER

(e) will.lutkewitte@intersectpower.com

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Subject: RE: Darden Clean Energy Project (23-OPT-02) - CEC and CDFW site visit

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Eric Knight

Manager

Siting & Environmental Branch

Siting, Transmission & Environmental Protection Division

California Energy Commission
(916) 591-9931

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To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>;

Swanberg, Carrie@Wildlife <Carrie.Swanberg@wildlife.ca.gov>; Vang, Jim@Wildlife <Jim.Vang@wildlife.ca.gov>; Watson, Carol@Energy <Carol.Watson@energy.ca.gov>; Stroud, Andrea@Energy <Andrea.Stroud@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>; David Daitch <ddaitch@rinconconsultants.com>; Christina Shushnar <cshushnar@rinconconsultants.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CEC and CDFW site visit

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Marisa Mitchell

Head of Environmental and Permitting

INTERSECT POWER

415.846.0730

marisa@intersectpower.com

www.linkedin.com/in/marisa-n-mitchell

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> CEC BIO staff and CDFW have requested the site visit cover the following:
>
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- Gen tie lie / a few of the drainages that cross it
- Utility switchyard location

Carol has provided her cell phone number: 916-237-2542. My office number goes to my cell phone. Please cc me on emails so I am aware of logistics, just in case.

Thanks!

Ann

Ann Crisp

Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
916-352-0543

California Energy Commission
Website: www.energy.ca.gov

Darden Agency Site Walk – California Department of Fish and Wildlife and California Energy Commission Biologists



Meeting Time: 10:30 am to 1:00 pm (PST)

Meeting Location: Option 1 Project Components, 36°28'21.74"N, 120°12'43.15"W

Attendees: California Department of Fish and Wildlife, California Energy Commission, Intersect Power, Rincon Consultants

Contact Information: David Daitch, Rincon Consultants 303-818-6072

Agenda:

- Meeting Point (Option 1 Project Components)
    - Introductions
- Stop 1: Southeastern Solar Facility
    - Discuss burrowing owl
- Stop 2: Southwestern Solar Facility
    - Discuss Swainson's hawk
- Stop 3: Utility Switchyard

Directions:

Meeting Location: From I-5, take exit for CA-33 S Derrick Avenue and head north. Turn right on W Harlan Ave. Veer right onto S Stanislaus Ave. Turn left on W Mt Whitney Ave. Cross the aqueduct and turn left on S Sonoma Ave. Turn right on W Davis Ave. Arrive at the intersection of W Davis Ave and S El Dorado Ave.

Stop 1: From Meeting Location, head east on W Davis Ave. Turn right on S Butte Ave. Continue on S Butte Ave, past W Cerini Ave. Arrive at the intersection, corner of unnamed dirt road and S Butte Ave.

Stop 2: From Stop 1, head north on S Butte Ave. Turn left on W Cerini Ave. Continue on W Cerini Ave and turn left on S El Dorado Ave. Arrive south of the intersection of W Cerini Ave and S El Dorado Ave.

Stop 3: From Stop 2, continue south on S El Dorado Ave. Turn right on W Harlan Ave. Turn left on S Sonoma Ave. Turn right on Mt. Whitney Ave. Continue across the California Aqueduct and turn right at the next intersection. Turn left on W Harlan Ave. Turn left on S Derrick Ave and head south. Turn right at the first dirt road, across from the SW corner of the Nunes Cooling parking lot. Continue for approximately 0.75 mile and arrive.

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 10/15/2024 5:34:08 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: Darden Clean Energy Project (23-OPT-02) - domain names used by the applicant's consultants

Hi Becky,

We are assembling a list of domain names used by the applicant's consultants for Darden for compiling the admin record. When you return on 10/20, could you please provide the correct domain names for the following consultants (listed on Appendix C of the Opt-In Application)? Also, please let me know if we're missing any consultants. Here's the list:

VRPA Technologies, Inc.
ECONorthwest
Truescape

We already have Rincon Consultants (@rinconconsultants.com) - please confirm if correct?

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 10/14/2024 4:35:06 PM
To: Marisa Mitchell [marisa@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Becky Moores [becky.moores@intersectpower.com]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

Hi Marisa,

Also, just wondering what time you plan to arrive at Harris Ranch to set up? Our IT will be there around 10 AM and CEC staff plan to arrive from Sacramento between 1230 and 1 PM to help with final room set up.

We will have Spanish language interpreter and court reporter.

Will you be placing any displays of the project site - posters etc. in the room?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Monday, October 14, 2024 8:08 AM
To: Marisa Mitchell <marisa@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

Hi Marisa,

Just checking in on the PPT? We did not receive it on Friday.

Also, CEC expects to have monolingual Spanish speakers at the event and in the community so we would like to proactively make materials available to those members of the community instead of waiting for the requests to come in right before or during the event. Do you have plans to translate your materials into Spanish? We have sent out materials out for certified Spanish translation services.

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Tuesday, October 8, 2024 11:47 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

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Thanks. Final two questions:

1. Since Monday is a holiday, do you need the PPT by this Friday?
2. Do you also need the speaker notes in advance or just the slides?
(Also, in answer to your previous question: yes, I'll be discussing the mandatory components including the community benefits agreements)

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Tue, Oct 8, 2024 at 10:06 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

It needs to be a PowerPoint presentation as we merge them into a deck and the Zoom coordinator runs the slides.

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Tuesday, October 8, 2024 9:59 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

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Ann, thank you. Should the presentation be in Power Point or can it be a PDF?

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

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Hi Marisa,

Just looping you in on the PPT email...do you have any questions on that? We will need your presentation by Monday 10/14 so it can be added to the deck for the event. If you have it sooner that is great, too.

The agenda item states "presentation by the applicant on the project as currently proposed, including information on

project features which address mandatory requirements of the opt-in certification process (e.g., labor agreements/prevailing wage, economic benefits, community benefits)" so just want to confirm if you will discuss the existing CBA with Centro La Familia?

Are there any unresolved questions you have about the event (other than the light food and beverage question, which I will check in on today)?

We have arranged for a Spanish language interpreter.

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Monday, September 30, 2024 10:40 AM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

Hi Becky,

Thank you, if you could provide cell phone numbers for the best contact that would be great? My work phone will be the best contact number.

I am working on responses to your meeting questions.

Did you have any questions on the PPT format? We will need that by Monday 10/14 so we can provide to CEC staff that will be running the meeting.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
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Hi Ann,

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Hi Becky,

That is great, thanks! BIO staff is coordinating with CDFW and we will update you soon. BIO staff will be driving down that morning from Sacramento so will not arrive until around 1030.

For the main CEC group, that will be spending the night, would a 9 AM start work for the site visit?

Thanks!

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Rincon confirmed they can have two biologists on site on 10/17 to guide the groups.

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INTERSECT POWER
(e) becky.moores@intersectpower.com
Upcoming PTO: October 1 - 18

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Becky Moores
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(e) becky.moores@intersectpower.com
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They would like to see the utility switchyard and adjacent environment, the gen-tie line, and representative areas of the solar field for now. There may be other areas they would like to visit.

Carol Watson could meet by around 10:30 and plan to spend a few hours. Jim Vang from CDFW would also attend.

Please let me know if your able to accommodate this request and if this date works for you?

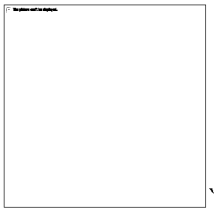
Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission

Website: www.energy.ca.gov



From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 10/15/2024 2:32:00 PM
To: jshaw@fresnocountyca.gov; drandall@fresnocountyca.gov
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Notice of Preparation of a Draft Environmental Impact Report for Darden Clean Energy Project (23-OPT-02)

Hi Jeremy and David,

Just checking in to see if anyone from Fresno County plans to call in remotely or attend in person? The project description changes were filed in the docket last week.

https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=23-OPT-02

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Wednesday, October 2, 2024 11:46 AM
To: jshaw@fresnocountyca.gov <jshaw@fresnocountyca.gov>; drandall@fresnocountyca.gov <drandall@fresnocountyca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Fw: Notice of Preparation of a Draft Environmental Impact Report for Darden Clean Energy Project (23-OPT-02)

Hi Jeremy and David,

I am the CEC Project Manager for the Darden Clean Energy Project (23-OPT-02). I believe both of you attended the pre-filing meeting for this project.

We distributed the NOP last week however on Monday we were notified yesterday that Intersect is dropping the hydrogen production component from the Darden Clean Energy Project. With this change, the project's full generating/storage capacity would be available to serve the grid (800 MW of the 1,150 MW of PV generated electricity would have been needed to power the electrolyzers). There will still be 1,150 MW of solar and 1,150 MW BESS.

We've asked Intersect to file a project update memo to the docket, and we'll update the webpage and revise the public notice for the upcoming Information/Scoping meeting to reflect the project change.

We will be a hosting an Environmental Scoping and Informational Meeting on October 16th at the Harris Ranch Resort. The formal notice for the Information/Scoping meeting will be posting to the docket on Oct 4 however, here are the details. There will be a Zoom option and call in information will be on our website and will be in the notice.

Notice of Environmental Scoping and Informational Meeting
Wednesday, October 16, 2024
2:00 p.m. – 6:30 p.m.
All start and end times are estimates

In-person at:
Harris Ranch Resort

South Ballroom
24505 West Dorris Avenue
Coalinga, CA 93210

Do you anticipate attending in person or remotely? Do you know of any other Fresno County staff that may be interested in attending?

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

Subject: Notice of Preparation of a Draft Environmental Impact Report for Darden Clean Energy Project (23-OPT-02)

Hello,

In accordance with California Code of Regulations, title 14, section 15082, California Energy Commission (CEC) staff has prepared this Notice of Preparation (NOP) to inform the Office of Planning and Research (OPR) and each responsible and trustee agency that an Environmental Impact Report (EIR) will be prepared for the Darden Clean Energy Project (project) (23-OPT-02) proposed by IP Darden I, LLC and Affiliates (applicant) in unincorporated Fresno County. The project is being considered under CEC's opt-in authority established by Assembly Bill 205 (2022). The CEC is the lead agency under the California Environmental Quality Act (CEQA) for this project.

Attached is the Notice of Preparation.

Thank you,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov


STATE OF CALIFORNIA
ENERGY COMMISSION

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 10/14/2024 11:40:29 PM
To: Marisa Mitchell [marisa@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Becky Moores [becky.moores@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

Hi Marisa,

Thank you for the PPT, I will add it to the deck.

If you would like to provide light refreshments for the public that is up to your discretion. Due to the restriction on staff's acceptance of gifts, the CEC staff will not be partaking in the food provided.

Have you confirmed how many members of the public may attend? Have local residents confirmed they will use the vanpool you offered?

Any questions please let me know.

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Monday, October 14, 2024 3:59 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

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Thanks, Ann. We can make the value however low or high it needs to be. If it were just coffee/snacks, it could be $3-5/person or if we fed them dinner, it could be up to $10-30/person. We would probably assume 50-100 people show up. I'm attaching Intersect Power's PowerPoint presentation to this email as well.

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Mon, Oct 14, 2024 at 10:49 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Marisa,

We have a path forward to possibly getting approval for light refreshments at the event.

Do you have an approximate cost/value of the light refreshments?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Monday, October 14, 2024 9:35 AM
To: Marisa Mitchell <marisa@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

Hi Marisa,

Also, just wondering what time you plan to arrive at Harris Ranch to set up? Our IT will be there around 10 AM and CEC staff plan to arrive from Sacramento between 1230 and 1 PM to help with final room set up.

We will have Spanish language interpreter and court reporter.

Will you be placing any displays of the project site - posters etc. in the room?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Monday, October 14, 2024 8:08 AM
To: Marisa Mitchell <marisa@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

Hi Marisa,

Just checking in on the PPT? We did not receive it on Friday.

Also, CEC expects to have monolingual Spanish speakers at the event and in the community so we would like to proactively make materials available to those members of the community instead of waiting for the requests to come in right before or during the event. Do you have plans to translate your materials into Spanish? We have sent out materials out for certified Spanish translation services.

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Tuesday, October 8, 2024 11:47 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
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Thanks. Final two questions:
1. Since Monday is a holiday, do you need the PPT by this Friday?
2. Do you also need the speaker notes in advance or just the slides?
(Also, in answer to your previous question: yes, I'll be discussing the mandatory components including the community benefits agreements)

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
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marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

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Hi Marisa,

It needs to be a PowerPoint presentation as we merge them into a deck and the Zoom coordinator runs the slides.

Thanks!

Ann

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(e) becky.moores@intersectpower.com

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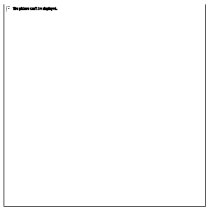
Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch

Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov



From: Will Lutkewitte [will.lutkewitte@intersectpower.com]
Sent: 10/15/2024 5:38:38 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Marisa Mitchell [marisa@intersectpower.com]; Becky Moores [becky.moores@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Fw: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

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Hi Ann,

Do you have any comments on the site visit for Thursday with CEC staff?

Also could you provide a list of who will be attending from CEC so we make sure we don't leave without anyone who is supposed to attend?

Lastly, I want to note that the weather for Thursday currently looks like it'll be sunny with temperatures ranging in the 60s while we are out at the site. Anyone attending will want to bring sun protection (e.g., sunscreen, hats, sunglasses), water, and sturdy shoes. Please note, there will not be designated parking at the meeting locations and we will want as few cars as possible congregating at each location. Any carpooling arrangements should be made ahead of time amongst your team members attending.

Sincerely,

Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

On Fri, Oct 11, 2024 at 1:02 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Will - thanks for this, will review and let you know if there is anything to add.

Thanks!

Ann

From: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Sent: Friday, October 4, 2024 2:52 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Marisa Mitchell <marisa@intersectpower.com>; Becky Moores <becky.moores@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Fw: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

Please find the tentative agenda and route for the site visit with Commissioner Gallardo and CEC staff attached below. Marisa and I will continue to coordinate with CDFW and CEC BIO staff in the other email thread with their tentative site visit agenda and route. Please let me know if you have any questions.

Thank you and have a good weekend!

Sincerely,

Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

On Tue, Oct 1, 2024 at 5:40 PM Marisa Mitchell <marisa@intersectpower.com> wrote:

Hi Ann, yes we've asked Rincon to pull together an agenda and route for the site visit, so they're already working on it. We should be able to get it to you in the next couple of days.

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Tue, Oct 1, 2024 at 2:05 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

Looping you in...could you please see below the questions below in highlight? Since Cmmr Gallardo and others will be attending the site visit it would be helpful to have a brief agenda and the locations you plan to take the tour.

In addition, CEC staff has confirmed that CDFW will be able to the meet on the 17th. BIO staff will be driving down that morning from Sacramento so will not arrive until around 1030. Becky was coordinating a seperate tour for BIO. Could you please provide a contact so BIO can provide the locations they would like to visit? I can start a separate email chain with CDFW and BIO.

Thanks again for accommodating the team.

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Monday, September 30, 2024 12:14 PM

To: Becky Moores <becky.moores@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

Hi Becky,

Would your team like to prepare a brief agenda with a start time of 9 AM for the site visit? How long do you estimate your tour would take? I will find out if there are any particular locations staff would like to see. Could you send a list of the stops you anticipate providing a good overview?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, September 30, 2024 10:25 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

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Hi Ann,

Yes, those start times should work fine. We will plan to visit several locations throughout the project area. If there are any particular locations or intersections that folks would like to stop at please pass that along and we can definitely work it in. Rincon will be the tour guides and can run through the plan that morning when all parties are present.

Thanks,

Becky

On Mon, Sep 30, 2024, 10:29 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

That is great, thanks! BIO staff is coordinating with CDFW and we will update you soon. BIO staff will be driving down that morning from Sacramento so will not arrive until around 1030.

For the main CEC group, that will be spending the night, would a 9 AM start work for the site visit?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, September 26, 2024 4:35 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

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Rincon confirmed they can have two biologists on site on 10/17 to guide the groups.

Thanks,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com
Upcoming PTO: October 1 - 18

On Wed, Sep 25, 2024 at 4:39 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Thanks Becky, I will coordinate on my end once you can verify, thanks! Ann

---

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, September 25, 2024 3:32 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

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Great, thanks for checking with them on that. We can likely coordinate multiple guides and biologists as needed for the visit with various parties on the 17th. We will work on that on our end to verify.

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com
Upcoming PTO: October 1 - 18

On Wed, Sep 25, 2024 at 2:30 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

I can reach out and find out their availability for the 17th, however CDFW and BIO staff have other areas to visit than what the Commissioner and other staff would likely want to see.... and may want to stay longer at particular locations....could you accommodate a separate person to meet up with just BIO and CDFW?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, September 25, 2024 2:06 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

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Hi Ann,

Is CDFW able to attend the site visit on 10/17? Would be great if we could have everyone there that day and we can accommodate various arrival times as needed.

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com
Upcoming PTO: October 1 - 18

On Wed, Sep 25, 2024 at 2:01 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

CEC BIO staff and CDFW would like to visit the site on Oct 24. Would you be able to have someone meet up with them to show them the site? It would be preferred that a biologist from your project team meet up?

They would like to see the utility switchyard and adjacent environment, the gen-tie line, and representative areas of the solar field for now. There may be other areas they would like to visit.

Carol Watson could meet by around 10:30 and plan to spend a few hours. Jim Vang from CDFW would also attend.

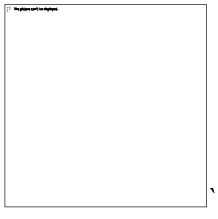
Please let me know if your able to accommodate this request and if this date works for you?

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov



From: Marisa Mitchell [marisa@intersectpower.com]
Sent: 10/18/2024 11:57:08 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Becky Moores [becky.moores@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - clarification

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Ann, here is our explanation:

We originally proposed a green hydrogen generator in a novel configuration with the Darden project to produce economically attractive hydrogen in coordination with ARCHES. We explained to State Agencies and the Governor's office that this novel configuration would require a change in law. We pursued a change in law via SB 1018, but ran into headwinds caused by the State's Budget shortfall. ARCHES is responsible for matching economic supply with conveyance and demand, and we want to support that effort with economic hydrogen supply. We are considering how best to proceed with the change in law strategy. In the meantime, Darden is viable as a standalone solar and battery storage project which will significantly advance California's ability to meet its near term decarbonization and renewable energy goals. We have identified another potentially feasible location in the San Joaquin Valley to site green hydrogen in coordination with ARCHES, but the timing for that project would be later than that of Darden.

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Fri, Oct 18, 2024 at 2:45 PM Marisa Mitchell <marisa@intersectpower.com> wrote:

> Thanks, Ann. I'll get back to you ASAP. Just getting internal signoffs since it involves media.
>
> Marisa Mitchell
> Head of Environmental and Permitting
> INTERSECT POWER
> 415.846.0730
> marisa@intersectpower.com
> www.linkedin.com/in/marisa-n-mitchell
>
> On Thu, Oct 17, 2024 at 3:55 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
>
> > Hi Marisa,
> >
> > Thanks for hosting an informative site visit today. We had a request from the media for clarification on the reason explained in yesterday's meeting for removing the green hydrogen part of project from the Darden project. The audio

during this portion was unclear and the staff writer couldn't understand what was said. Could you please send a brief explanation why it was removed?

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Marisa Mitchell [marisa@intersectpower.com]
Sent: 10/14/2024 11:48:41 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Becky Moores [becky.moores@intersectpower.com]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

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Thanks, Ann. We have not yet received any requests for transportation assistance. So far, we expect only 5-10 members of the public to attend in person that we've been notified about.

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Mon, Oct 14, 2024 at 4:40 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

Thank you for the PPT, I will add it to the deck.

If you would like to provide light refreshments for the public that is up to your discretion. Due to the restriction on staff's acceptance of gifts, the CEC staff will not be partaking in the food provided.

Have you confirmed how many members of the public may attend? Have local residents confirmed they will use the vanpool you offered?

Any questions please let me know.

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Monday, October 14, 2024 3:59 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

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Thanks, Ann. We can make the value however low or high it needs to be. If it were just coffee/snacks, it could be $3-5/person or if we fed them dinner, it could be up to $10-30/person. We would probably assume 50-100 people show up. I'm attaching Intersect Power's PowerPoint presentation to this email as well.

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Mon, Oct 14, 2024 at 10:49 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

We have a path forward to possibly getting approval for light refreshments at the event.

Do you have an approximate cost/value of the light refreshments?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Monday, October 14, 2024 9:35 AM
To: Marisa Mitchell <marisa@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

Hi Marisa,

Also, just wondering what time you plan to arrive at Harris Ranch to set up? Our IT will be there around 10 AM and CEC staff plan to arrive from Sacramento between 1230 and 1 PM to help with final room set up.

We will have Spanish language interpreter and court reporter.

Will you be placing any displays of the project site - posters etc. in the room?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Monday, October 14, 2024 8:08 AM
To: Marisa Mitchell <marisa@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

Hi Marisa,

Just checking in on the PPT? We did not receive it on Friday.

Also, CEC expects to have monolingual Spanish speakers at the event and in the community so we would like to proactively make materials available to those members of the community instead of waiting for the requests to come in right before or during the event. Do you have plans to translate your materials into Spanish? We have sent out materials out for certified Spanish translation services.

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Tuesday, October 8, 2024 11:47 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

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Thanks. Final two questions:
1. Since Monday is a holiday, do you need the PPT by this Friday?
2. Do you also need the speaker notes in advance or just the slides?
(Also, in answer to your previous question: yes, I'll be discussing the mandatory components including the community benefits agreements)

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Tue, Oct 8, 2024 at 10:06 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Marisa,

It needs to be a PowerPoint presentation as we merge them into a deck and the Zoom coordinator runs the slides.

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Tuesday, October 8, 2024 9:59 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

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Ann, thank you. Should the presentation be in Power Point or can it be a PDF?

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Tue, Oct 8, 2024 at 7:03 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

Just looping you in on the PPT email...do you have any questions on that? We will need your presentation by Monday 10/14 so it can be added to the deck for the event. If you have it sooner that is great, too.

The agenda item states "presentation by the applicant on the project as currently proposed, including information on project features which address mandatory requirements of the opt-in certification process (e.g., labor agreements/prevailing wage, economic benefits, community benefits)" so just want to confirm if you will discuss the existing CBA with Centro La Familia?

Are there any unresolved questions you have about the event (other than the light food and beverage question, which I will check in on today)?

We have arranged for a Spanish language interpreter.

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Monday, September 30, 2024 10:40 AM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

Hi Becky,

Thank you, if you could provide cell phone numbers for the best contact that would be great? My work phone will be the best contact number.

I am working on responses to your meeting questions.

Did you have any questions on the PPT format? We will need that by Monday 10/14 so we can provide to CEC staff that will be running the meeting.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, September 30, 2024 10:25 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

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Hi Ann,

Yes, those start times should work fine. We will plan to visit several locations throughout the project area. If there are any particular locations or intersections that folks would like to stop at please pass that along and we can definitely work it in. Rincon will be the tour guides and can run through the plan that morning when all parties are present.

Thanks,

Becky

On Mon, Sep 30, 2024, 10:29 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

That is great, thanks! BIO staff is coordinating with CDFW and we will update you soon. BIO staff will be driving down that morning from Sacramento so will not arrive until around 1030.

For the main CEC group, that will be spending the night, would a 9 AM start work for the site visit?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, September 26, 2024 4:35 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

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Rincon confirmed they can have two biologists on site on 10/17 to guide the groups.

Thanks,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com
Upcoming PTO: October 1 - 18

On Wed, Sep 25, 2024 at 4:39 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Thanks Becky, I will coordinate on my end once you can verify, thanks! Ann

---

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, September 25, 2024 3:32 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

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Great, thanks for checking with them on that. We can likely coordinate multiple guides and biologists as needed for the visit with various parties on the 17th. We will work on that on our end to verify.

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com
Upcoming PTO: October 1 - 18

On Wed, Sep 25, 2024 at 2:30 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

I can reach out and find out their availability for the 17th, however CDFW and BIO staff have other areas to visit than what the Commissioner and other staff would likely want to see.... and may want to stay longer at particular locations....could you accommodate a separate person to meet up with just BIO and CDFW?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, September 25, 2024 2:06 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - BIO site visit request with CDFW

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Hi Ann,

Is CDFW able to attend the site visit on 10/17? Would be great if we could have everyone there that day and we can accommodate various arrival times as needed.

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com
Upcoming PTO: October 1 - 18

On Wed, Sep 25, 2024 at 2:01 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

CEC BIO staff and CDFW would like to visit the site on Oct 24. Would you be able to have someone meet up with them to show them the site? It would be preferred that a biologist from your project team meet up?

They would like to see the utility switchyard and adjacent environment, the gen-tie line, and representative areas of the solar field for now. There may be other areas they would like to visit.

Carol Watson could meet by around 10:30 and plan to spend a few hours. Jim Vang from CDFW would also attend.

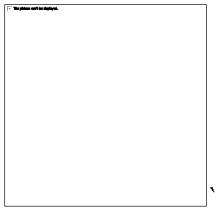
Please let me know if your able to accommodate this request and if this date works for you?

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov



From: Will Lutkewitte [will.lutkewitte@intersectpower.com]
Sent: 10/16/2024 9:45:43 PM
To: Huber, Elizabeth@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=93f40660c3d446578d63390926fd5e5a-Huber, Eliz]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: IP Darden SLides
Attachments: 2024.10.16_Darden CEC Public Scoping Meeting_Slide Deck .pptx

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

From: Worrall, Lisa@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E4BBC7048B38485084BDB03FB494B25B-WORRALL, LI]
Sent: 10/22/2024 6:58:15 PM
To: Brent Dragomanovich [bdragomanovich@wwd.ca.gov]
CC: Katarina Campbell [kcampbell@wwd.ca.gov]; Russ Freeman [rfreeman@wwd.ca.gov]; Kori Peterson [kpeterson@wwd.ca.gov]; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Abulaban, Abdel-Karim@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c1ff1d38281a4068b2708271d22c0d94-Abulaban, A]; Ackerman, James@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3cc35de240cf4253af9cc7d3d2cbb643-Ackerman, J]
Subject: RE: Notice of Preparation of a Draft Environmental Impact Report for Darden Clean Energy Project (23-OPT-02)

Hello Brent,

I received your comments on the Notice of Preparation for the Darden Clean Energy Project and have posted it to the project's docket. You can post directly to the project's docket at any time during the proceeding from the project's website: https://www.energy.ca.gov/powerplant/solar-photovoltaic-pv/darden-clean-energy-project

If you haven't already done so, I would recommend signing up to the projects subscription to receive automated notification when items are posted to the project's docket. You can sign up from the project's website, midway down the page on the right side.

Thank you for your comments. Our staff will review and consider them as we develop our environmental analysis.

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov

From: Brent Dragomanovich <bdragomanovich@wwd.ca.gov>
Sent: Tuesday, October 22, 2024 10:54 AM
To: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Cc: Katarina Campbell <kcampbell@wwd.ca.gov>; Russ Freeman <rfreeman@wwd.ca.gov>; Kori Peterson <kpeterson@wwd.ca.gov>
Subject: RE: Notice of Preparation of a Draft Environmental Impact Report for Darden Clean Energy Project (23-OPT-02)

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Good morning Lisa,

Westlands Water District is providing the attached comment letter for this project.

Thank you,

Brent Dragomanovich
Associate Resources Analyst
P.O. Box 5199
Fresno, CA 93755
559-241-6245 office
wwd.ca.gov
Subscribe to receive our press releases, updates, and more.

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Monday, September 23, 2024 4:18 PM
To: Vance, Julie@Wildlife <Julie.Vance@wildlife.ca.gov>; Swanberg, Carrie@Wildlife <Carrie.Swanberg@wildlife.ca.gov>; Mulligan, Rhiannon@Wildlife <Rhiannon.Mulligan@Wildlife.ca.gov>; Tomlinson, Krista@Wildlife <Krista.Tomlinson@wildlife.ca.gov>; Lorentzen, Wayne@DTSC <Wayne.Lorentzen@dtsc.ca.gov>; Koch, Lori@DTSC <Lori.Koch@dtsc.ca.gov>; Ferouz, Muzhda@DTSC <Muzhda.Ferouz@dtsc.ca.gov>; Scroggins, Matt@Waterboards <Matt.Scroggins@waterboards.ca.gov>; Coster, Lynn@Waterboards <Lynn.Coster@Waterboards.ca.gov>; Shupe, Christina@Waterboards <Christina.Shupe@Waterboards.ca.gov>; Crader, Phillip@Waterboards <Phillip.Crader@waterboards.ca.gov>; Holmes, Kari@Waterboards <kari.holmes@waterboards.ca.gov>; Tpiearcy@fresnocountyca.gov; dluchini@fresnocountyca.gov; dlynch@fresnocountyca.gov; ddotson@fresnocountyca.gov; Michaels, Ryan@CALFIRE <Ryan.Michaels@fire.ca.gov>; brandon.pursell@fresnosheriff.org; drandall@fresnocountyca.gov; jshaw@fresnocountyca.gov; WaterandNaturalResources@fresnocountyca.gov; Russ Freeman <rfreeman@wwd.ca.gov>; OES@fresnocountyca.gov; HRRiskManagement@FresnoCountyCA.gov; Chrisman, Josh@CALFIRE <Josh.Chrisman@fire.ca.gov>; Hail, Dustin@CALFIRE <Dustin.Hail@fire.ca.gov>; Sison-Lebrilla, Elaine <elaine.sison-lebrilla@cpuc.ca.gov>; Errol Villegas <errol.villegas@valleyair.org>; Wilson, Michelle <Michelle.Wilson@cpuc.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: Notice of Preparation of a Draft Environmental Impact Report for Darden Clean Energy Project (23-OPT-02)

Hello,

In accordance with California Code of Regulations, title 14, section 15082, California Energy Commission (CEC) staff has prepared this Notice of Preparation (NOP) to inform the Office of Planning and Research (OPR) and each responsible and trustee agency that an Environmental Impact Report (EIR) will be prepared for the Darden Clean Energy Project (project) (23-OPT-02) proposed by IP Darden I, LLC and Affiliates (applicant) in unincorporated Fresno County. The project is being considered under CEC's opt-in authority established by Assembly Bill 205 (2022). The CEC is the lead agency under the California Environmental Quality Act (CEQA) for this project.

Attached is the Notice of Preparation.

Thank you,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 10/23/2024 8:56:50 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Marisa Mitchell [marisa@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - burrowing owl ITP question

Hi Becky,

CEC and CDFW staff coordinated and provide the following directions for the request to add western burrowing owl to the ITP application.

Please provide the items required in California Code of Regulations, Title 14, subsections 783.2-783.8. These are the 13 listed items on the CDFW website here: *Incidental Take Permits*. Some of this may have already been provided previously but please resubmit in one package identifying these items specific to burrowing owl.

Please provide a clean and redline strikeout version of the ITP for Swainson's hawk with the burrowing owl added.

Any questions, please let me know.

Thanks,

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, October 22, 2024 2:06 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Marisa Mitchell <marisa@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - burrowing owl ITP question

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Hi Ann,

We are actively working on the BUOW ITP application. When previously discussed you had requested a tracked changes version of the SWHA application with additions for the owl. Is that still the preferred format? We should have that ready in 2 weeks or so.

Thanks,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Mon, Oct 21, 2024 at 1:15 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

> Hi Becky,
>
> Welcome back.... thanks to your team for hosting the site visit on October 17.

I have a follow up inquiry from the CEC BIO team. At the site visit on the October 17th, Marisa mentioned that the applicant would be applying for an ITP for burrowing owl. Please provide more information in terms of what the application will look like and a timeline for submittal? Staff and CDFW prefers a standalone application document such as was already provided for Swainson's hawk.

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 10/24/2024 5:01:40 PM
To: Michael Corder [Michael.Corder@valleyair.org]
CC: Energy - STEP Siting [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=14e6ac2919ec428bb3378e30ce9a58e9-Energy - ST]
Subject: Re: Darden Clean Energy Project 23-OPT-02

Hello Michael,

I received your comments on the Notice of Preparation for the Darden Clean Energy Project and will post it to the project's docket. You can also post directly to the project's docket at any time during the proceeding from the project's website: https://www.energy.ca.gov/powerplant/solar-photovoltaic-pv/darden-clean-energy-project

If you haven't already done so, I would recommend signing up to the projects subscription to receive automated notification when items are posted to the project's docket. You can sign up from the project's website, midway down the page on the right side.

Thank you for your comments. Our staff will review and consider them as we develop our environmental analysis.

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Michael Corder <Michael.Corder@valleyair.org>
Sent: Wednesday, October 23, 2024 5:09 PM
To: Energy - STEP Siting <STEPsiting@energy.ca.gov>
Subject: Darden Clean Energy Project 23-OPT-02

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Hi Ann,

Please find attached the San Joaquin Valley Air Pollution Control District (SJVAPCD) CEQA comment letter for the Darden Clean Energy Project.

Please let me know if you have any questions.

Thank you,

Michael Corder
Senior Air Quality Specialist
San Joaquin Valley Air Pollution Control District
1990 E. Gettysburg Avenue | Fresno, CA 93726
P. 559.230.5818 | F. 559.230.6111

San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT.

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 10/21/2024 1:53:49 PM
To: Marisa Mitchell [marisa@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Becky Moores [becky.moores@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - clarification

Hi Marisa,

Thanks for the summary for the Media office, I have passed this on and they will share with the staff writer for California Energy Markets.

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Friday, October 18, 2024 4:57 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Becky Moores <becky.moores@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - clarification

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Ann, here is our explanation:

We originally proposed a green hydrogen generator in a novel configuration with the Darden project to produce economically attractive hydrogen in coordination with ARCHES. We explained to State Agencies and the Governor's office that this novel configuration would require a change in law. We pursued a change in law via SB 1018, but ran into headwinds caused by the State's Budget shortfall. ARCHES is responsible for matching economic supply with conveyance and demand, and we want to support that effort with economic hydrogen supply. We are considering how best to proceed with the change in law strategy. In the meantime, Darden is viable as a standalone solar and battery storage project which will significantly advance California's ability to meet its near term decarbonization and renewable energy goals. We have identified another potentially feasible location in the San Joaquin Valley to site green hydrogen in coordination with ARCHES, but the timing for that project would be later than that of Darden.

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Fri, Oct 18, 2024 at 2:45 PM Marisa Mitchell <marisa@intersectpower.com> wrote:
Thanks, Ann. I'll get back to you ASAP. Just getting internal signoffs since it involves media.

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Thu, Oct 17, 2024 at 3:55 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

Thanks for hosting an informative site visit today. We had a request from the media for clarification on the reason explained in yesterday's meeting for removing the green hydrogen part of project from the Darden project. The audio during this portion was unclear and the staff writer couldn't understand what was said. Could you please send a brief explanation why it was removed?

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 10/21/2024 6:09:22 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Marisa Mitchell [marisa@intersectpower.com]; Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Haws, Marichka@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=952e0b50c8ae422588958c273050b0b0-Haws, Maric]
Subject: Re: IP Darden SLides
Attachments: 2024.10.16_Darden CEC Public Scoping Meeting_Slide Deck .pptx

Hi Becky,

We need to have the PPT from the applicant submitted to the docket - do you want to take care of that or should we?

Also, since we had monolingual Spanish speakers at the event and in the community we would like to make materials available to those members of the community. Do you have plans to translate your materials into Spanish? We sent out our materials for certified Spanish translation services and those are in the docket.

Thanks!

Ann

From: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Sent: Wednesday, October 16, 2024 2:45 PM
To: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: IP Darden SLides

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Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 10/22/2024 8:47:49 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Marisa Mitchell [marisa@intersectpower.com]; Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Haws, Marichka@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=952e0b50c8ae422588958c273050b0b0-Haws, Maric]
Subject: Re: IP Darden SLides

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Hi Ann,

We can get that submitted to the docket. We only have an English version of the presentation at this time. If a Spanish version needs to be docketed would you send that out for certified translation?

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Mon, Oct 21, 2024 at 12:09 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

We need to have the PPT from the applicant submitted to the docket - do you want to take care of that or should we?

Also, since we had monolingual Spanish speakers at the event and in the community we would like to make materials available to those members of the community. Do you have plans to translate your materials into Spanish? We sent out our materials for certified Spanish translation services and those are in the docket.

Thanks!

Ann

From: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Sent: Wednesday, October 16, 2024 2:45 PM
To: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: IP Darden SLides

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 10/22/2024 7:46:41 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - domain names used by the applicant's consultants

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Hi Ann,

Here are the other domain names:

ECONorthwest @econw.com
Truescape @truescape.com
VRPA Technologies, Inc. @vrpatechnologies.com
Rincon @rinconconsultants.com

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Tue, Oct 15, 2024 at 11:34 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

> Hi Becky,
>
> We are assembling a list of domain names used by the applicant's consultants for Darden for compiling the admin record. When you return on 10/20, could you please provide the correct domain names for the following consultants (listed on Appendix C of the Opt-In Application)? Also, please let me know if we're missing any consultants. Here's the list:
>
> VRPA Technologies, Inc.
> ECONorthwest
> Truescape
>
> We already have Rincon Consultants (@rinconconsultants.com) - please confirm if correct?
>
> Thanks!
>
> Ann
>
> **Ann Crisp**
> Senior Environmental Planner
> Siting and Environmental Branch
> Siting, Transmission and Environmental Protection Division
> 1-916-352-0543
>
> California Energy Commission
> Website: www.energy.ca.gov


STATE OF CALIFORNIA
ENERGY COMMISSION

From: Will Lutkewitte [will.lutkewitte@intersectpower.com]
Sent: 10/21/2024 3:17:22 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Marisa Mitchell [marisa@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Becky Moores [becky.moores@intersectpower.com]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

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Hi Ann,

The redline project submittal is the most updated. Our engineering team sent us a revised number after our initial email to you but before the redline was submitted. Sorry for the confusion.

Best,

Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

On Mon, Oct 21, 2024 at 11:07 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

I believe Becky is back but happy for a response from either of you...The email below states 2 backup generators however, the redline states there would be up to 3 self-contained emergency backup diesel generator sets (genset).

Is the redline project description submittal the most current information?

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Tuesday, October 8, 2024 9:49 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

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Ann,
Sorry for the slight revision here, but our engineering team wants to be quite conservative: we anticipate we would have up to 2 backup generators for the substation, each at 150kW (262 bhp), with LPG as the fuel medium.

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Mon, Oct 7, 2024 at 3:55 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Marisa,

Would you be able to confirm whether or not the remaining engine would be 150kw (262 bhp) and if the fuel is expected be liquid petroleum gas (LPG), located at that substation?

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Monday, October 7, 2024 11:51 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

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Ann,
We hope to get that to you today or tomorrow. In the meantime, we can confirm that the backup generators have been reduced from 6 to 1, and the water demands are as follows: 1,100 acre-feet total during construction and up to 35 acre-feet/year during operations.

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Mon, Oct 7, 2024 at 10:51 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Marisa,

Hope you had a nice weekend...just checking in on the updated full project description? I am preparing talking point for the scoping meeting about potentially significant effects. Do you have an update on timing of submittal? This is especially related to the backup generators and water use?

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Wednesday, October 2, 2024 2:48 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

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Will do.

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Wed, Oct 2, 2024 at 2:46 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

I spoke with Becky on how to handle this and it will need to docketed as a memo to the website to make it a formal change.

Could you put the short PD in a memo from Intersect and a note that the green hydrogen is no longer part of the project? Similar to the memo for changes to wastewater from the hydrogen electrolyzer?

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Wednesday, October 2, 2024 2:41 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

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Ann, I'm sorry I misunderstood. I thought you were asking only for the detailed project description to be updated, which we're targeting by the end of the week or very early next week, but we're evaluating whether any of the technical studies should be slightly updated as well (e.g., water supply assessment). For the website/short project description, the redlines you've provided are perfect. Regarding backup generators, I

should have an answer for you today. Regarding water use reductions, I expect to have an answer for you by the end of the week.

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Wed, Oct 2, 2024 at 2:03 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

Do you have an estimate on when you could submit the brief project description update for the website? We should update the website before the notice goes out on Friday, Oct 4. See below in highlight.

Also, would you be able to get the strikethrough project description to us by next week?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Tuesday, October 1, 2024 7:08 AM
To: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Marisa Mitchell <marisa@intersectpower.com>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

Hi Will,

After speaking with Becky yesterday, staff is now aware that Intersect is dropping the hydrogen production component from the Darden Clean Energy Project. We will need a memo or similar document submitted to the docket to reflect this change.

Staff is recommending that Intersect docket a track changes version of the project description that was submitted for the project website, attached. This can be submitted as a memo, similar to the memo attached.

If there is any reduction in the project acres, please reflect that in the memo to the docket.

When do you estimate you could have a memo docketed?

In addition, do you have a estimate for submitting the revised Project Description section of the application, in strikethrough?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, September 30, 2024 2:33 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>

Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Marisa Mitchell <marisa@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

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Hi Ann,

I called you on Friday to discuss the project description and left a voicemail. I will try you again now.

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com
Upcoming PTO: October 1 - 18

On Mon, Sep 30, 2024 at 3:12 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

Just checking in on the PD? We need to let staff know if there are any changes to the alternatives as soon as possible.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, September 25, 2024 3:38 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

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Hi Ann,

I am actively reviewing the updated project description and plan to get that over to CEC by Monday. I am still waiting on confirmation from PG&E on their timeline to rule out any of their fiber route options and have followed up on that again today. I am also working internally to get sign off on removing any of the projects alternative locations for the various facilities and trying to have that align with getting you the updated project description.

Thanks,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com
Upcoming PTO: October 1 - 18

On Tue, Sep 24, 2024 at 4:20 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

Just checking in on the 2 items below in highlight?

Also - do you have an estimated date you will be submitting the strikethrough project description?

Thanks!

Ann

From: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Sent: Friday, September 13, 2024 12:00 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Becky Moores <becky.moores@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

Your requests have been received and we are working on getting those responses to you by early next week. Thank you.

Sincerely,

Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

On Fri, Sep 13, 2024 at 2:04 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

Would you be able to provide the GIS shapefiles used to compile the "Appendix D - Volume 2 Addendum to the Biological Resources Assessment for the Darden Clean Energy Project - Appendix A Figures" (e.g. the Fiber Line Scenario Study, Substation Study Area, and Substation Boundary, etc) that were provided in Batch 6 to satisfy REV 1 DR TSD-1, parts a and b?

Also, staff understands, per the meeting on 9/10/2024, that PG&E is getting close to finalizing which of the three alternative scenarios for fiber line communications is preferred? Do you have an estimated timeframe for that information being available? Please provide confirmation to staff as soon as that determination is made available.

During the 9/10/24 meeting, we also discussed the process to provide updates to the CEC if any of the options should be eliminated from our analysis. Depending on the extent of the changes it can be provided by the applicant either by a memo in the docket noting which option is being eliminated or by docketing a strike though version of the project description. We need to ensure we have removed all components from our analysis that are no longer being considered as part of the project. If you are removing any options from the project description please provide notice as soon as possible.

Do you have any indication at this time that any of the options may not move forward after coordination with your EPC contractor?

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Wildlife R4 CEQA Program [R4CEQA@wildlife.ca.gov]
Sent: 10/24/2024 11:40:20 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: state.clearinghouse@opr.ca.gov; Vang, Jim@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=32237e96460546779116e0d64096b692-WildlifeJim]
Subject: Notice of Preparation (NOP) of an Environmental Impact Report (EIR) for the Darden Clean Energy Project (Project) NOP SCH No. 2024091023.pdf
Attachments: Notice of Preparation (NOP) of an Environmental Impact Report (EIR) for the Darden Clean Energy Project (Project) NOP SCH No. 2024091023.pdf

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Dear Ann Crisp,

Please see the attached letter.

If you have any questions, please contact Jim Vang, Senior Environmental Scientist Specialist, at the address provided on this letterhead, by telephone at (559) 580-3203, or by electronic mail at Jim.Vang@wildlife.ca.gov.

Thank you,

R4 CEQA Support Team.

Docusign Envelope ID: 2FA1DC9F-68B8-421A-9457-0AABCA950064

State of California – Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
Central Region
1234 East Shaw Avenue
Fresno, California 93710
(559) 243-4005
www.wildlife.ca.gov

GAVIN NEWSOM, Governor
CHARLTON H. BONHAM, Director

October 24, 2024

Ann Crisp, Project Manager
California Energy Commission
715 P Street
Sacramento, California 95814
Ann.Crisp@energy.ca.gov

Subject: Notice of Preparation (NOP) of an Environmental Impact Report (EIR) for the Darden Clean Energy Project (Project)
State Clearinghouse No. 2024091023

Dear Ann Crisp:

The California Department of Fish and Wildlife (CDFW) received an NOP from the California Energy Commission (CEC) for the above-referenced Project. CDFW appreciates this opportunity to provide comments and recommendations regarding proposed Project activities that may affect California fish and wildlife, pursuant to the California Environmental Quality Act (CEQA) and CEQA Guidelines.[1]

CDFW ROLE

CDFW is California's **Trustee Agency** for fish and wildlife resources and holds those resources in trust by statute for all the people of the State (Fish & G. Code, §§ 711.7, subd. (a) & 1802; Pub. Resources Code, § 21070; CEQA Guidelines § 15386, subd. (a)). CDFW, in its trustee capacity, has jurisdiction over the conservation, protection, and management of fish, wildlife, native plants, and habitat necessary for biologically sustainable populations of those species (*Id.*, § 1802). Similarly, for purposes of CEQA, CDFW is charged by law to provide, as available, biological expertise during public agency environmental review efforts, focusing specifically on projects and related activities that have the potential to adversely affect fish and wildlife resources.

[1] CEQA is codified in the California Public Resources Code in section 21000 et seq. The "CEQA Guidelines" are found in Title 14 of the California Code of Regulations, commencing with section 15000.

Docusign Envelope ID: 2FA1DC9F-68B8-421A-9457-0AABCA950064

The proposed Project would ordinarily require one or more discretionary approvals by CDFW because it may result in substantial adverse impacts to fish and wildlife resources such as lake and streambed alteration (Fish and G. Code, § 1602); and incidental take of species protected under CESA (Fish and G. Code, § 2081). CDFW would typically submit comments as a Responsible Agency under CEQA. (Pub. Resources Code, § 21069; CEQA Guidelines, § 15381.) However, because the Project proponent opted into the Assembly Bill (AB) 205 certification process, the CEC has exclusive jurisdiction over the proposed Project and is responsible for ensuring any certification of the proposed Project including all conditions necessary to ensure compliance with the Fish & G. Code and its implementing regulations found in Title 14 of the California Code of Regulations. (Pub. Resources Code, §§ 25545.1, subd. (b), 25545.5, subd. (a).) Thus, CDFW does not have a direct permitting role in the process that would ordinarily trigger a Responsible Agency role. CDFW instead submits these comments as a Trustee Agency under CEQA.

Pursuant to AB 205, the CEC and CDFW developed a coordination plan through a Memorandum of Understanding (MOU) to ensure that all potential impacts to fish, wildlife, and plant resources, and the habitats upon which they depend, including but not limited to incidental take of species protected under CESA, are consistent with the Fish & G. Code and its implementing regulations found in Title 14 of the California Code of Regulations. (Pub. Resources Code § 25545.5, subd. (a).) The MOU also ensures timely and effective consultation between the CEC and CDFW with respect to any proposed CEC findings and actions regarding potential impacts to fish, wildlife, and plant resources. (*Ibid*.) CDFW is thus also submitting these comments in its **consultation role** under AB 205 and the MOU.

PROJECT DESCRIPTION SUMMARY

Proponent: Intersect Power, LLC

Objective: The Project proposes to construct, operate, and eventually repower or decommission a solar facility located on approximately 9,100 acres in western Fresno County. The Project will operate year-round, with a 35-year anticipated lifespan. The primary Project components are:

- 1,150-megawatt (MW) solar photovoltaic (PV) facility (solar facility)
- Up to 4,600 MW-hour battery energy storage system (BESS)
- 34.5-500 kilovolt (kV) grid step-up substation (step-up substation)
- 10 to 15-mile 500 kV generation intertie (gen-tie) line
- Pacific Gas and Electric Company (PG&E)-owned 500 kV utility switchyard along the Los Banos Midway #2 500 kV transmission line

Location: The Project is located in an agricultural area of unincorporated Fresno County approximately 17 miles southwest of the City of Kerman. The solar facility,

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BESS, and substation will be located on approximately 9,100 acres of land currently owned by Westlands Water District, between South Sonoma Avenue to the west, and South Butte Avenue to the east. The Project's 10 to 15-mile gen-tie line will span west from the intersection of South Sonoma Avenue and West Harlan Avenue to immediately west of Interstate 5, where it will connect to the new utility switchyard along with PG&E's Los Banos-Midway #2 500 kV transmission line.

Timeframe: Construction is expected to begin in late 2025 or early 2026 and will be operational for 35 years.

Consultation with CDFW

CDFW appreciates the opportunity to have engaged with CEC staff and/or the Project proponent in numerous meetings, phone calls, and site visits for the Project. These dates include the following: August 23, 2022, where CDFW met with the Project proponent for an introductory meeting to the Project; February 21, 2023, where CDFW conducted a field site visit with the Project proponent; June 23, 2023, where CDFW and the Project proponent discussed that the Project may consider going through the AB 205 process; September 11, 2023, where CDFW and the Project proponent discussed a Swainson's hawk Conservation Strategy; September 15, 2023, where CDFW and CEC held a pre-application meeting; November 20, 2023, where CDFW and CEC held a meeting during the pre-filing consultation period to discuss the Project's data request deficiencies in the Project proponent's application to the CEC; December 20, 2023, where CDFW held a meeting with the CEC; April 30, 2024, where CDFW, CEC, and the Project proponent held a meeting to discuss the potential candidate listing for burrowing owl; June 17, 2024, June 27, 2024, July 11, 2024, and August 8, 2024, where CDFW held meetings with the CEC; October 16, 2024, where CDFW participated in the Informational and Scoping Meeting; and October 17, 2024, where CDFW participated in a field site visit with the CEC and the Project proponent. CDFW will continue to collaborate with and provide support to the CEC throughout the AB205 certification process.

COMMENTS AND RECOMMENDATIONS

The EIR that will be prepared will determine the potential environmental impacts associated with the Project. CDFW offers the following comments and recommendations to assist the CEC in adequately identifying the Project's significant, or potentially significant, direct, indirect, and cumulative impacts on fish and wildlife (biological) resources.

Special-Status Species: Several special-status species have been documented within and/or adjacent to the Project site per the California Natural Diversity Database (CNDDB). CDFW recommends potential Project related impacts to the following species be analyzed in the EIR including, but not limited to: the State fully protected and

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endangered and federally endangered blunt-nosed leopard lizard (*Gambelia sila*), the State threatened and federally endangered San Joaquin kit fox (*Vulpes macrotis mutica*), the State threatened Swainson's hawk (*Buteo swainsoni*) and tricolored blackbird (*Agelaius tricolor*), and the State candidate burrowing owl (*Athene cunicularia*) and Crotch's bumble bee (*Bombus crotchii*).

Cumulative Impacts: Development often contributes to species habitat loss and/or fragmentation. CDFW recommends that cumulative impacts be addressed in the EIR for all biological resources that will either be significantly or potentially significantly impacted by implementation of the Project, including those whose impacts are determined to be less than significant with mitigation incorporated or for those resources that are rare or in poor or declining health and will be impacted by the project, even if those impacts are relatively small (i.e., less than significant). CDFW recommends cumulative impacts be addressed to evaluate the impacts of past, present, and reasonably foreseeable future projects on resources and be focused specifically on the resource, not the Project.

CDFW will continue to meet with CEC staff ahead of and during draft EIR preparation to discuss potential Project related impacts and possible avoidance, minimization, and/or mitigation measures for the biological resources that may be analyzed in the EIR, as well as helping to develop measures necessary to address the requirements of Fish and Game Code Section 2081(b) (Incidental Take Permit pursuant to CESA). If you have any questions, please contact Jim Vang, Senior Environmental Scientist Specialist, at the address provided on this letterhead, by telephone at (559) 580-3203, or by electronic mail at Jim.Vang@wildlife.ca.gov.

Sincerely,

DocuSigned by:
Julie Vance
FA83F09FE08945A...

Julie A. Vance
Regional Manager

ec: State Clearinghouse
Governor's Office of Planning and Research
state.clearinghouse@opr.ca.gov

From: Brent Dragomanovich [bdragomanovich@wwd.ca.gov]
Sent: 10/22/2024 5:54:03 PM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
CC: Katarina Campbell [kcampbell@wwd.ca.gov]; Russ Freeman [rfreeman@wwd.ca.gov]; Kori Peterson [kpeterson@wwd.ca.gov]
Subject: RE: Notice of Preparation of a Draft Environmental Impact Report for Darden Clean Energy Project (23-OPT-02)
Attachments: 20240925_NOP 23-OPT-02_Comment Letter_final.pdf

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Good morning Lisa,

Westlands Water District is providing the attached comment letter for this project.

Thank you,

Brent Dragomanovich
Associate Resources Analyst
P.O. Box 5199
Fresno, CA 93755
559-241-6245 office
wwd.ca.gov
Subscribe to receive our press releases, updates, and more.

From: Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Sent: Monday, September 23, 2024 4:18 PM
To: Vance, Julie@Wildlife <Julie.Vance@wildlife.ca.gov>; Swanberg, Carrie@Wildlife <Carrie.Swanberg@wildlife.ca.gov>; Mulligan, Rhiannon@Wildlife <Rhiannon.Mulligan@Wildlife.ca.gov>; Tomlinson, Krista@Wildlife <Krista.Tomlinson@wildlife.ca.gov>; Lorentzen, Wayne@DTSC <Wayne.Lorentzen@dtsc.ca.gov>; Koch, Lori@DTSC <Lori.Koch@dtsc.ca.gov>; Ferouz, Muzhda@DTSC <Muzhda.Ferouz@dtsc.ca.gov>; Scroggins, Matt@Waterboards <Matt.Scroggins@waterboards.ca.gov>; Coster, Lynn@Waterboards <Lynn.Coster@Waterboards.ca.gov>; Shupe, Christina@Waterboards <Christina.Shupe@Waterboards.ca.gov>; Crader, Phillip@Waterboards <Phillip.Crader@waterboards.ca.gov>; Holmes, Kari@Waterboards <kari.holmes@waterboards.ca.gov>; Tpiearcy@fresnocountyca.gov; dluchini@fresnocountyca.gov; dlynch@fresnocountyca.gov; ddotson@fresnocountyca.gov; Michaels, Ryan@CALFIRE <Ryan.Michaels@fire.ca.gov>; brandon.pursell@fresnosheriff.org; drandall@fresnocountyca.gov; jshaw@fresnocountyca.gov; WaterandNaturalResources@fresnocountyca.gov; Russ Freeman <rfreeman@wwd.ca.gov>; OES@fresnocountyca.gov; HRRiskManagement@FresnoCountyCA.gov; Chrisman, Josh@CALFIRE <Josh.Chrisman@fire.ca.gov>; Hail, Dustin@CALFIRE <Dustin.Hail@fire.ca.gov>; Sison-Lebrilla, Elaine <elaine.sison-lebrilla@cpuc.ca.gov>; Errol Villegas <errol.villegas@valleyair.org>; Wilson, Michelle <Michelle.Wilson@cpuc.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: Notice of Preparation of a Draft Environmental Impact Report for Darden Clean Energy Project (23-OPT-02)

Hello,

In accordance with California Code of Regulations, title 14, section 15082, California Energy Commission (CEC) staff has prepared this Notice of Preparation (NOP) to inform the Office of Planning and Research (OPR) and each responsible and trustee agency that an Environmental Impact Report (EIR) will be prepared

for the Darden Clean Energy Project (project) (23-OPT-02) proposed by IP Darden I, LLC and Affiliates (applicant) in unincorporated Fresno County. The project is being considered under CEC's opt-in authority established by Assembly Bill 205 (2022). The CEC is the lead agency under the California Environmental Quality Act (CEQA) for this project.

Attached is the Notice of Preparation.

Thank you,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367
Email: lisa.worrall@energy.ca.gov

Westlands Water District

October 22, 2024

Ms. Lisa Worrall, Senior Environmental Planner
Sting, Transmission and Environmental Protection Division
California Energy Commission
715 P Street
Sacramento, CA 95814

SUBJECT: Comments Regarding Notice of Preparation No. 23-OPT-02 for the Darden Clean Energy Project

Dear Ms. Worrall,

Westlands Water District (District) reviewed NOP 23-OPT-02, the proposal to construct, operate, and eventually repower or decommission the Darden Clean Energy Project (Project) on approximately 9,500 acres in western Fresno County. The District offers the following comments.

The Project lands shall not include, and the District's rights to such shall include the following reserved rights reserved in the Grant Deed, pursuant to the terms of the Option Agreement:

(i) any rights to minerals, oil, gas and other hydrocarbon substances (collectively, "Mineral Interests")

(ii) any rights to water deliveries appurtenant to or associated with the Project by virtue of its location within the District's service area, including without limitation the right to apply for and receive from the District a ratable allocation of water under California Water Code Section 35420 or any successor statute

(iii) the right to irrigate the Project from any source for any purpose

(iv) all groundwater underlying or otherwise appurtenant to the Project

(v) The District shall reserve the exclusive, permanent right to maintain, cause, permit, create, or allow the presence of subsurface water underlying the Project, and the permanent right, in its sole discretion, to provide drainage or not provide drainage of the subsurface water underlying the Project. District shall also reserve the right to use any groundwater underlying or otherwise appurtenant to the Project, including the exclusive right to drill, operate, maintain, repair and replace water wells and locate pipelines on the Property at locations that were approved by the District and Applicant prior to Applicant's exercise of the option under the Option Agreement, as set forth in the Grant Deed.

286 W. Cromwell Ave, Fresno, CA 93711
P.O. Box 5199, Fresno, CA 93755
Phone: 559-224-1523 | wwd.ca.gov

The Applicant indicated the proposed water sources are on-site groundwater wells and through imported surface water supplies provided by the District. The Applicant is limited to extraction of two (2.0) acre feet of groundwater per year for operation of its solar power generation facilities for each 320-acre portion of land acquired by the Applicant. During construction of the solar project facilities located on the property, the Applicant may extract an additional one hundred and thirty (130) acre-feet of groundwater per year for construction water purposes for each 320-acre portion of land acquired by the Applicant.

The Applicant may be eligible to apply for and receive Municipal and Industrial (M&I) water services, and the land will continue to have access to the District's distribution system for land used for solar development operations. If the Applicant is **eligible**, the District's Article 19 Rules & Regulations provide that the District will make available up to five (5) acre-feet annually per 160 acres, for solar developments on land not participating in the "Continued Benefits to Modified Agricultural Land" provisions of the District's Article 2. The Applicant's operations will be bound by the Regulations, Terms and Conditions established by the District for M&I use. Copies of these are provided for your information, and notable provisions include:

- The Applicant must comply with the District's Backflow Prevention guidelines for this connection to the District's water system.

- If there is not a delivery turnout on the property then the Applicant would be responsible for the development and construction of the pipeline to connect to the District's distribution system, including acquisition of easements, if required.

- The District and the California Department of Public Health (CDPH) (formerly the Department of Health Services) entered into a Compliance Agreement that restricts the District's ability to provide M&I service to non-resident facilities. The Applicant must request and receive an exemption from the Compliance Agreement's requirement that the solar development be connected to a Public Water System or Domestic Well. The District expects that CDPH will grant the exemption on the condition that the Applicant posts signs at all outlets where human contact may occur, indicating that the water delivered by the District is non-potable. Applicant can provide copies of receipts for bottled water purchased from a State-licensed provider as a supplement for potable water.

Based on the Project Location Map provided, the project site is located near the District's distribution system Laterals 13R, 14R, 14L, 15L, 16L, 17L and 18L. Prior to construction, please contact Underground Service Alert (811).

- If project features, including electrical transmission facilities, may cross the District's distribution system laterals, please contact the District to obtain the requirements for crossing a District lateral easement(s).

- A copy of the District's Rules & Regulations is available at https://wwd.ca.gov/about-westlands/additional-information/rules-and-regulations/

Thank you for the opportunity to comment on this project. If you have any additional questions, please contact Brent Dragomanovich at 559-241-6245.

Sincerely,

Stephen Farmer
Chief Administrative Officer

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 10/29/2024 2:24:51 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Cusato, Anthony@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=92bb3e53fa2c490d87929b4b84ce28c9-b8359c82-60]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Cabrera, Crystal@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ed6e32a127144ccfa19a6f4347765a9e-00a33618-ff]; Megan Svedman [megan.svedman@intersectpower.com]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

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Hello Ann,

As stated in our Community Benefits Plan document that was submitted to the docket on May 17, 2024, Intersect Power plans on making significant investments totaling over $2 million dollars over the next ten years to community-based initiatives and programs in the Fresno County area. I submitted 8 agreements with a request for confidential designation in May 2024. CEC legal counsel reached out to me and stated they would reject the confidential request and did not agree with the language used in the contracts as satisfying a "binding agreement". Since that time we have worked with CEC staff to understand the concerns with the termination language in the agreements and have submitted one updated agreement that satisfies the requirements in the Opt-In statute. Given that agreement satisfies the requirement we have not updated the other agreements that were executed earlier this year to change the termination language. We could submit those agreements as is if that would be acceptable, but we do not plan on going back to our valued community partners to update agreements already in place and active.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Mon, Oct 28, 2024 at 8:39 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

> Hi Becky and Will,
>
> Could you provide a copy of all of the CBAs that have been executed? There are others beyond the Centro La Familia CBA that have been executed based on your presentation at the scoping meeting. The status of the CBAs in the presentation differed from the response below. Although the Opt-In statute only requires one legally binding CBA, it would be helpful for CEC to review the others and it is relevant to know whether the applicant has gone beyond the minimum requirements. All of the CBAs should also be included in the docket/administrative record.
>
> Thanks,
>
> Ann

From: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Sent: Tuesday, October 15, 2024 2:17 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Becky Moores <becky.moores@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>; Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

There are no additional CBAs to update on.

Sincerely,

Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

On Fri, Oct 11, 2024 at 1:01 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

Could you provide an update on the item below in highlight?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Friday, September 27, 2024 9:11 AM

To: Becky Moores <becky.moores@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>; Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

Hi Becky,

Thank you for meeting last week to discuss the the CBA with Centro La Familia Advocacy (TN 258569). Staff counsel reviewed the amendment and found the revised terms acceptable (TN 259219).

At this time we are not seeking any further amendments to the CBA.

Do you have a status update on the submittal of any further signed CBAs?

Thanks,

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Tuesday, September 17, 2024 6:51 AM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>; Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

HI Becky,

As of right now, 1030 AM on Thursday would be best, does that work for your team? If not, I can look into other times.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, September 16, 2024 3:47 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>; Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

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Ann - Wednesday or Thursday are preferred days for a meeting, can you send availability for your team?

Thanks,

Becky Moores
INTERSECT POWER
(c) becky.moores@intersectpower.com
Upcoming PTO: October 1 - 18

On Mon, Sep 16, 2024 at 3:19 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

> Hi Becky,
>
> The CEC staff counsel assigned to the project have reviewed the Darden Community Benefits Agreement (TN 258569). Staff counsel has comments that we would like to discuss and we would like to set up a meeting. Does that work for you? We can provide a summary of the comments prior to the meeting.

Are there any days this week that work best for you?

Do you have a status update on the submittal of any further signed CBAs?

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Watson, Carol@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=84E32D50C7DC47D89812B468A50090ED-WATSON, CAR]
Sent: 10/28/2024 4:01:47 PM
To: Nelson, Matthew J [Matthew_nelson@fws.gov]; Stroud, Andrea@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9703ce11dc9547c78c64f22894500b5c-Martine, An]

Subject: First CEC/USFWS Darden Coordination Meeting
Location: Microsoft Teams Meeting

Start: 10/31/2024 6:00:00 PM
End: 10/31/2024 7:00:00 PM
Show Time As: Tentative

Required Attendees: Nelson, Matthew J; Stroud, Andrea@Energy

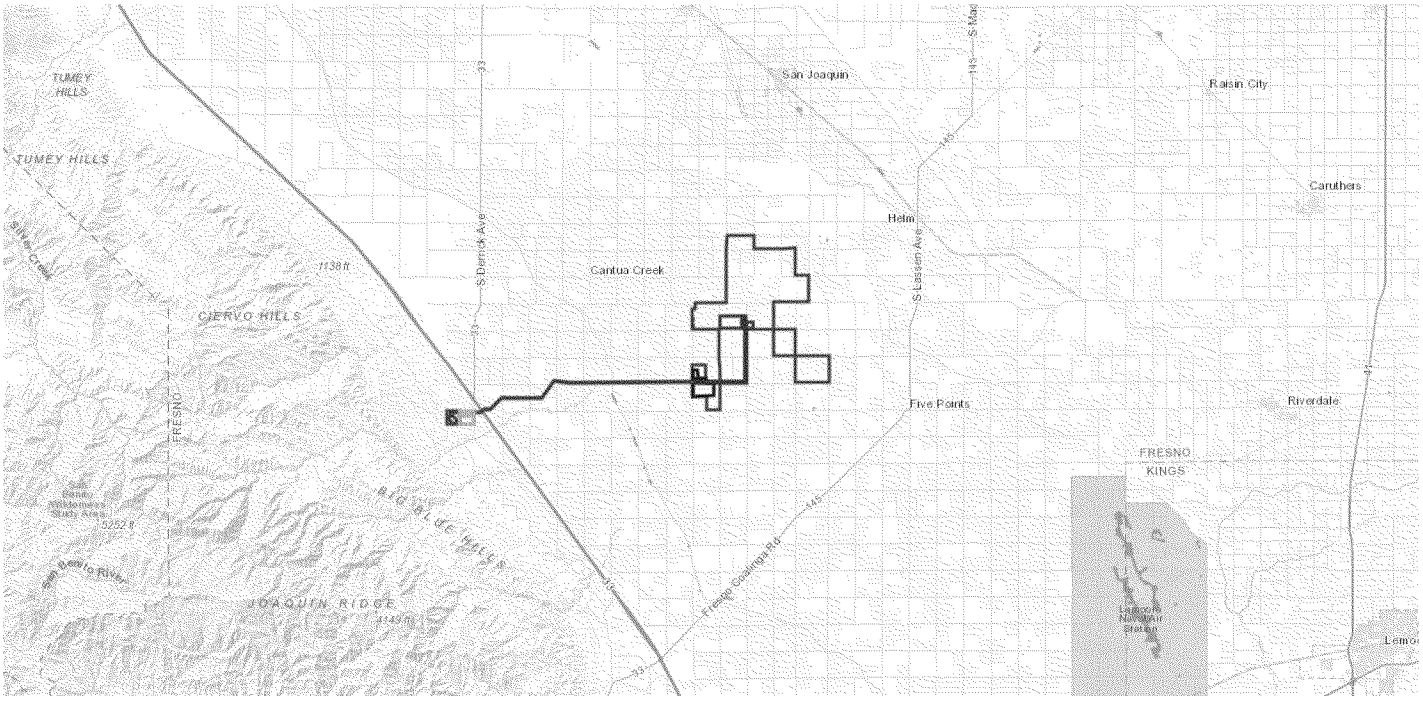
Proposed Agenda:

Quick Overview of CEC timeline and Process: AB-205-driven EIR (CEQA) process
270 day timeline
Draft EIR published February 2025

Project Overview: stands as in previous email below, now minus the green hydrogen energy portion
permanently impact 452.08 acres and temporarily impact 9,353.15 acres of landcover mapped as agricultural (with no horizontal PV panels -elaborated for SWHA)

Species Overview: Swainson's hawk state take permit, CA tiger salamander, blunt-nosed leopard lizard, condor, San Joaquin kits. No WOTUS to be impacted

Issues Overview: mig birds and the expansive solar field (approx. 9,000 acres). Important Bird Areas nearby. Mitigation and monitoring scheme?



From: Watson, Carol@Energy <Carol.Watson@energy.ca.gov>
Sent on: Monday, December 11, 2023 8:22:20 PM
To: Matthew_nelson@fws.gov; Sanzenbacher, Peter <peter_sanzenbacher@fws.gov>
CC: Stroud, Andrea@Energy <Andrea.Stroud@energy.ca.gov>
Subject: Darden Clean Energy (23-OPT-02) Project Introduction

Good afternoon! I'm emailing to make you aware that the Energy Commission has received an application for a new project (Opt-in application under Public Resources Code 25519) for the Darden Clean Energy Project (23-OPT-02). This project would be in Fresno County, consisting of 9,500 acres. The project consists of a 1,150 megawatt (MW) solar photovoltaic (PV) facility, an up to 4,600 megawatt-hour battery energy storage system (BESS), an up to 1,150 MW green hydrogen generator, a 34.5-500 kilovolt (kV) grid step-up substation, a 10- to 15-mile 500 kV generation intertie (gen-tie) line, and a 500 kV utility switching station. The project would interconnect to the existing PG&E Los Banos-Midway #2 500 kV transmission line. The project would be located in an agricultural area of unincorporated Fresno County south of the community of Cantua Creek.

For more information and to download application files, please visit here: https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=23-OPT-02

Species/Topics of interest include:
California Condor
SJKF
Blunt-nosed leopard lizard
Migratory Birds

I will be in touch soon to set up a kick-off meeting; in the meantime, please let me know if I have reached the correct personnel for this project.
Thank you,

Best,
Carol

Carol Watson
Staff Biologist
Siting, Transmission & Environmental Protection Division
California Energy Commission
715 P Street
Sacramento, CA 95814
Cell: #702.370.1019

Microsoft Teams Need help?

Join the meeting now

Meeting ID: 224 991 023 441

Passcode: YJsSdJ

Dial in by phone

+1 916-562-1816,,392161095# United States, Sacramento

Find a local number

Phone conference ID: 392 161 095#

For organizers: Meeting options | Reset dial-in PIN

From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 10/28/2024 7:27:50 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - REV1 DR WS-1 and REV1 DR WS-3

Hi Becky,

Just checking in on the item highlight below? Alvin reached out and inquired if you had a update on the commitment to contact the Fresno County Fire Protection District and discuss fire protection planned for the BESS?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Thursday, September 12, 2024 11:04 AM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>; Marisa Mitchell <marisa@intersectpower.com>; Luke Dunnington <luke@intersectpower.com>; Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - REV1 DR WS-1 and REV1 DR WS-3

Hi Becky,

Alvin Greenberg reviewed the lab QC reports, specifically the matrix spike results. All values are within the expected range of % Recovery and the EPA methods used are the standard methods. This matter is now complete for REV 1 DR HAZ-1.

Staff reviewed your summary below and has the following clarification:

> REV 1 DR WS-1: As discussed on our call this week, please refer to the fire alarm site plan typical drawing provided in appendix B of response set #5. When details of the specific water tanks that will be used at the project site are available, Intersect will provide those to CEC. CEC clarification - this is correct except staff would like to clarify that we need to know if there will there be a fire water main and hydrants around the BESS? So please include information, in a figure and a narrative, on the use of water tank(s) for a fire loop and hydrants in the BESS as soon as available.

I will be sending a message regarding a REV 1 DR TSD-1 inquiry shortly.

Thanks,

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, September 12, 2024 7:18 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Fooks,

Brett@Energy <Brett.Fooks@energy.ca.gov>; Marisa Mitchell <marisa@intersectpower.com>; Luke Dunnington <luke@intersectpower.com>; Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - REV1 DR WS-1 and REV1 DR WS-3

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Ann,

REV 1 DR HAZ-1: Attached are the updated lab reports that include the QC reports requested. Please take a look and confirm if that satisfies the request from Alvin.

REV 1 DR WS-1: As discussed on our call this week, please refer to the fire alarm site plan typical drawing provided in appendix B of response set #5. When details of the specific water tanks that will be used at the project site are available, Intersect will provide those to CEC.

REV 1 DR WS-3: Intersect will inform CEC when outreach to the Fresno FPD has been initiated.

REV 1 DR TSD-1: Intersect is working with our environmental consultant to either provide cultural resource records reports numbers P-10 000052, P-10 000257, P-10 005350, and P-10 005498 or prepare a statement of why those records are not available.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Wed, Sep 11, 2024 at 3:10 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

> Hi Becky,
>
> Thanks for meeting yesterday with staff. Here is our understanding of next steps:
>
> REV 1 DR HAZ-1 - Becky and/or Harry Starkey will reach out to the lab to get the quality control information Alvin requested - this is required to review this item for data completeness. Do you have an update on this item?
>
> REV 1 DR WS-1 - As the design becomes more concrete and specific, Intersect shall provide information on fire protection appurtenances, such as hydrants, etc., and their locations when that information becomes available.
>
> REV 1 DR WS-3 - Intersect is close to reaching out to Fresno Co Fire Protection District since the EPC contractor has been hired for the project. Intersect will inform staff when they have started their outreach.
>
> Thanks,
>
> Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, September 10, 2024 11:36 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Fooks,

Brett@Energy <Brett.Fooks@energy.ca.gov>; Marisa Mitchell <marisa@intersectpower.com>; Luke Dunnington <luke@intersectpower.com>; Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - REV1 DR WS-1 and REV1 DR WS-3

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Hi Ann,

Will and I are available to meet at 1:30 PT, I'll keep an eye out for an invite.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Tue, Sep 10, 2024 at 11:16 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

Staff would like to discuss REV1 DR WS-1 - staff needs clarifications on fire suppression using water for the BESS and REV1 DR WS-3 regarding timing to correspond with the Fresno County Fire Protection District.

Do you have time today at 1:30 or 3:30?

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Will Lutkewitte [will.lutkewitte@intersectpower.com]
Sent: 10/31/2024 8:17:44 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Becky Moores [becky.moores@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Fooks, Brett@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=870df74143964b71ada0039bf13c5a9a-Fooks, Bret]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - REV1 DR WS-1 and REV1 DR WS-3

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Hi Ann,

We started our outreach to the Fresno County Fire Protection District immediately after the scoping meeting a few weeks ago, and we have a meeting next week with FFPD to discuss the site in detail including a discussion around the fire protection that is planned for the BESS.

Sincerely,

Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

On Mon, Oct 28, 2024 at 3:27 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

Just checking in on the item highlight below? Alvin reached out and inquired if you had a update on the commitment to contact the Fresno County Fire Protection District and discuss fire protection planned for the BESS?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Thursday, September 12, 2024 11:04 AM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>; Marisa Mitchell <marisa@intersectpower.com>; Luke Dunnington <luke@intersectpower.com>; Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - REV1 DR WS-1 and REV1 DR WS-3

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Hello Ann,

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Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

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REV 1 DR HAZ-1 - Becky and/or Harry Starkey will reach out to the lab to get the quality control information Alvin requested - this is required to review this item for data completeness. Do you have an update on this item?

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Thanks,

Ann

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Sent: Tuesday, September 10, 2024 11:36 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Fooks, Brett@Energy <Brett.Fooks@energy.ca.gov>; Marisa Mitchell <marisa@intersectpower.com>; Luke Dunnington <luke@intersectpower.com>; Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>
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Hi Ann,

Will and I are available to meet at 1:30 PT, I'll keep an eye out for an invite.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

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> Hi Becky,
>
> Staff would like to discuss REV1 DR WS-1 - staff needs clarifications on fire suppression using water for the BESS and REV1 DR WS-3 regarding timing to correspond with the Fresno County Fire Protection District.
>
> Do you have time today at 1:30 or 3:30?
>
> Thanks!
>
> Ann
>
> **Ann Crisp**
> Senior Environmental Planner
> Siting and Environmental Branch
> Siting, Transmission and Environmental Protection Division

1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 10/28/2024 9:55:33 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Marisa Mitchell [marisa@intersectpower.com]; Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Haws, Marichka@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=952e0b50c8ae422588958c273050b0b0-Haws, Maric]
Subject: Re: IP Darden SLides

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Hi Ann,

I'll coordinate to get one of our consultants to prepare a Spanish version. I don't know if they are a "certified translation service" so please let me know if that is a concern.

Thanks,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Mon, Oct 28, 2024 at 8:42 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

> Hi Becky,
>
> Following up on this topic below? If you don't have access to certified translation services we can request that be taken care of by the CEC contractor? Thank you for posting the PPT to the docket on Friday.
>
> We have posted all the CEC presentations to the Events page so would like to get the applicant's presentations posted, as well.
>
> Thanks!
>
> Ann
>
> ---
>
> **From:** Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
> **Sent:** Thursday, October 24, 2024 10:23 AM
> **To:** Becky Moores <becky.moores@intersectpower.com>
> **Cc:** Marisa Mitchell <marisa@intersectpower.com>; Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Haws, Marichka@Energy <Marichka.Haws@energy.ca.gov>
> **Subject:** Re: IP Darden SLides
>
> Hi Becky,
>
> If you don't have access to certified translation services we can request that be taken care of by the CEC contractor?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Tuesday, October 22, 2024 2:27 PM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Marisa Mitchell <marisa@intersectpower.com>; Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Haws, Marichka@Energy <Marichka.Haws@energy.ca.gov>
Subject: Re: IP Darden SLides

Hi Becky,

Please submit the English version. I will look into the Spanish translation question below.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, October 22, 2024 1:47 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Marisa Mitchell <marisa@intersectpower.com>; Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Haws, Marichka@Energy <Marichka.Haws@energy.ca.gov>
Subject: Re: IP Darden SLides

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Hi Ann,

We can get that submitted to the docket. We only have an English version of the presentation at this time. If a Spanish version needs to be docketed would you send that out for certified translation?

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Mon, Oct 21, 2024 at 12:09 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

We need to have the PPT from the applicant submitted to the docket - do you want to take care of that or should we?

Also, since we had monolingual Spanish speakers at the event and in the community we would like to make materials available to those members of the community. Do you have plans to translate your materials into Spanish? We sent out our materials for certified Spanish translation services and those are in the docket.

Thanks!

Ann

From: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Sent: Wednesday, October 16, 2024 2:45 PM
To: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: IP Darden SLides

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Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 10/29/2024 1:57:53 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Marisa Mitchell [marisa@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Will Lutkewitte [will.lutkewitte@intersectpower.com]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - green hydrogen question

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Hi Ann - I am working with my team on this request and will get back to you soon.

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Tue, Oct 22, 2024 at 11:11 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

In order to determine if we would consider this a cumulative project we are requesting the applicant submit a copy of the interconnection request that it filed with CAISO in April 2023 for the potential future hydrogen project (to be located near Darden). If the document is confidential, the applicant can submit the document to the CEC along with an application for confidentiality.

Any questions please let me know.

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Wednesday, October 2, 2024 2:55 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>; Will Lutkewitte <will.lutkewitte@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - green hydrogen question

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Ann,
Here's the schedule for the potential future hydrogen project's interconnection process:

- We filed an interconnection request in April 2023
- We will refile in order to submit evidence of meeting the site control requirement in October 2024 (projects that fail to meet the requirement will be removed from the queue)

- If the project continues to qualify, we will have preliminary information about project viability from an interconnection standpoint in May 2025
- If the project continues to qualify, the cluster study process would start in June 2025 and would conclude in November 2025

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Wed, Oct 2, 2024 at 11:19 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

Thanks for the call yesterday. We were looking for clarification on the plans and timing to file with CAISO for the future green hydrogen project?

Thanks,

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 10/29/2024 1:54:59 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Marisa Mitchell [marisa@intersectpower.com]; Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

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Hi Ann,

The technical sections in our application evaluated potential impacts independently for the various project components including: the Solar Facility, Step-Up Substation and Gen-tie; BESS; Green Hydrogen Facility; and the Utility Switchyard. Based on this format we believe the technical sections and data responses should still present the information needed for your CEQA analysis without the hydrogen component. If you have any clarifying questions on the various sections we would be happy to schedule a call to discuss specific topics or details.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Mon, Oct 21, 2024 at 5:29 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

Have you determined whether any of the technical studies should be slightly updated as well (e.g., water supply assessment). Please see below in highlight?

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Monday, October 7, 2024 11:51 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

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Ann,

We hope to get that to you today or tomorrow. In the meantime, we can confirm that the backup generators have been reduced from 6 to 1, and the water demands are as follows: 1,100 acre-feet total during construction and up to 35 acre-feet/year during operations.

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Mon, Oct 7, 2024 at 10:51 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

Hope you had a nice weekend...just checking in on the updated full project description? I am preparing talking point for the scoping meeting about potentially significant effects. Do you have an update on timing of submittal? This is especially related to the backup generators and water use?

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Wednesday, October 2, 2024 2:48 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

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Will do.

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Wed, Oct 2, 2024 at 2:46 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

I spoke with Becky on how to handle this and it will need to docketed as a memo to the website to make it a formal change.

Could you put the short PD in a memo from Intersect and a note that the green hydrogen is no longer part of the project? Similar to the memo for changes to wastewater from the hydrogen electrolyzer?

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Wednesday, October 2, 2024 2:41 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

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Ann, I'm sorry I misunderstood. I thought you were asking only for the detailed project description to be updated, which we're targeting by the end of the week or very early next week, but we're evaluating whether any of the technical studies should be slightly updated as well (e.g., water supply assessment). For the website/short project description, the redlines you've provided are perfect. Regarding backup generators, I should have an answer for you today. Regarding water use reductions, I expect to have an answer for you by the end of the week.

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Wed, Oct 2, 2024 at 2:03 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

Do you have an estimate on when you could submit the brief project description update for the website? We should update the website before the notice goes out on Friday, Oct 4. See below in highlight.

Also, would you be able to get the strikethrough project description to us by next week?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Tuesday, October 1, 2024 7:08 AM
To: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Marisa Mitchell <marisa@intersectpower.com>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

Hi Will,

After speaking with Becky yesterday, staff is now aware that Intersect is dropping the hydrogen production component from the Darden Clean Energy Project. We will need a memo or similar document submitted to the docket to reflect this change.

Staff is recommending that Intersect docket a track changes version of the project description that was submitted for the project website, attached. This can be submitted as a memo, similar to the memo attached.

If there is any reduction in the project acres, please reflect that in the memo to the docket.

When do you estimate you could have a memo docketed?

In addition, do you have a estimate for submitting the revised Project Description section of the application, in strikethrough?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, September 30, 2024 2:33 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Marisa Mitchell <marisa@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

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Hi Ann,

I called you on Friday to discuss the project description and left a voicemail. I will try you again now.

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com
Upcoming PTO: October 1 - 18

On Mon, Sep 30, 2024 at 3:12 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

Just checking in on the PD? We need to let staff know if there are any changes to the alternatives as soon as possible.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, September 25, 2024 3:38 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

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Hi Ann,

I am actively reviewing the updated project description and plan to get that over to CEC by Monday. I am still waiting on confirmation from PG&E on their timeline to rule out any of their fiber route options and have followed up on that again today. I am also working internally to get sign off on removing any of the projects alternative locations for the various facilities and trying to have that align with getting you the updated project description.

Thanks,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com
Upcoming PTO: October 1 - 18

On Tue, Sep 24, 2024 at 4:20 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

Just checking in on the 2 items below in highlight?

Also - do you have an estimated date you will be submitting the strikethrough project description?

Thanks!

Ann

From: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Sent: Friday, September 13, 2024 12:00 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Becky Moores <becky.moores@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

Your requests have been received and we are working on getting those responses to you by early next week. Thank you.

Sincerely,

Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

On Fri, Sep 13, 2024 at 2:04 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

Would you be able to provide the GIS shapefiles used to compile the "Appendix D - Volume 2 Addendum to the Biological Resources Assessment for the Darden Clean Energy Project - Appendix A Figures" (e.g. the Fiber Line Scenario Study, Substation Study Area, and Substation Boundary, etc) that were provided in Batch 6 to satisfy REV 1 DR TSD-1, parts a and b?

Also, staff understands, per the meeting on 9/10/2024, that PG&E is getting close to finalizing which of the three alternative scenarios for fiber line communications is preferred? Do you have an estimated timeframe for that information being available? Please provide confirmation to staff as soon as that determination is made available.

During the 9/10/24 meeting, we also discussed the process to provide updates to the CEC if any of the options should be eliminated from our analysis. Depending on the extent of the changes it can be provided by the applicant either by a memo in the docket noting which option is being eliminated or by docketing a strike though version of the project description. We need to ensure we have removed all components from our analysis that are no longer being considered as part of the project. If you are removing any options from the project description please provide notice as soon as possible.

Do you have any indication at this time that any of the options may not move forward after coordination with your EPC contractor?

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Brown, Arianna [arbrown@fresnocountyca.gov]
Sent: 11/1/2024 11:58:56 PM
To: Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: RE: Notice of Preparation of a Draft Environmental Impact Report for Darden Clean Energy Project (23-OPT-02)
Attachments: (23-OPT-02) California Energy Commission - RESPONSE LETTER.pdf

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Good afternoon,

Attached are the Fresno County Department of Public Works and Planning comments relating to the Darden Clean Energy Project (23-OPT-02).

I apologize for any delay as we were waiting for all comments.

Thank you

Arianna Brown | Planner
Public Works and Planning | Current Planning
2220 Tulare St. 6th Floor Fresno, CA 93721
Office: (559) 600-4245
Email: arbrown@fresnocountyca.gov
Your input matters! Customer Service Survey

Hello,

In accordance with California Code of Regulations, title 14, section 15082, California Energy Commission (CEC) staff has prepared this Notice of Preparation (NOP) to inform the Office of Planning and Research (OPR) and each responsible and trustee agency that an Environmental Impact Report (EIR) will be prepared for the Darden Clean Energy Project (project) (23-OPT-02) proposed by IP Darden I, LLC and Affiliates (applicant) in unincorporated Fresno County. The project is being considered under CEC's opt-in authority established by Assembly Bill 205 (2022). The CEC is the lead agency under the California Environmental Quality Act (CEQA) for this project.

Attached is the Notice of Preparation.

Thank you,

Lisa Worrall
Senior Environmental Planner
California Energy Commission
Siting, Transmission and Environmental Protection Division
715 P Street, MS-40, Sacramento, CA 95814
Direct: (916) 661-8367

Email: lisa.worrall@energy.ca.gov

County of Fresno

DEPARTMENT OF PUBLIC WORKS AND PLANNING
STEVEN E. WHITE, DIRECTOR

November 1, 2024

Lisa Worrall, Senior Environmental Planner
California Energy Commission
715 P Street, MS-40
Sacramento CA, 95814

SUBJECT: California Energy Commission 23-OPT-02 Darden Energy Project

Dear Ms. Worrall,

The County of Fresno appreciates the opportunity to review and comment on the proposed 1,150-megawatt (MW) solar photovoltaic facility, 4,600 megawatt-hour (MWh) battery energy storage system, 800MW green hydrogen facility, 34.5-500 kilovolt (kV) grid strp-up substation, 10–15-mile 500kV generation intertie (gen-tie) line, and 500kV utility switching station. This project to be located south of the community of Cantua Creek.

The documents received for this review were circulated to our various Fresno County Public Works and Planning divisions. See comments below.

Fresno County Policy Planning:

The proposed solar electrical generation facility encompasses approximately 9,000-acres of land currently designated and zoned in the County of Fresno for farming and other agriculturally related uses. Upon reviewing the 9000 acres that would be converted into the proposed solar facility, staff identified approximately 2,700 acres are actively farmed. Moreover, there are lands within the 9,000-acre area that are capable of being farmed. The proposed facility would interconnect to the existing Pacific Gas and Electric Company (PG&E) Los Banos-Midway #2 500 kV transmission line. The 500 kV gen-tie line would be sited within an approximate 200-foot-wide easement on private lands.

The EIR must identify the acreage of agricultural land that is being actively farmed as well as land that is capable of being farmed within the 9000-acre area that would be converted to a solar facility. The impact of the proposed project on the Fresno County's agricultural resources appears to be a significant impact.

Additionally, the EIR must identify lands within the 9000-acre area as well as parcels that will be traversed by the proposed 500 kV gen-tie line that would connect the solar facility to the PG&E transmission line that are privately owned and are under the Williamson Act Contract. The EIR must address how the proposed project would impact lands that are restricted by the Williamson Act contact.

County staff request that the CEC staff provides the draft EIR to the County of Fresno during the public review period. If you have any questions, please Contact Mohammad Khorsand at mkhorsand@fresnocountyca.gov or Dominique Navarrette at dnavarrette@fresnocountyca.gov or call (559) 600-9668.

Fresno County Roads and Operation

1) Cerini Avenue currently has County Road right-of-way within the project limits, which is not a county maintained road. Applicant should contact Design Division to apply for vacation of the County right-of-way on Cerini Avenue within the project limits.

2) A designated construction traffic route, including schedule of equipment and material load deliveries, shall be required. RMO will have additional comments on the roads designated in the route once it is submitted.

3) Existing County maintained roads in the area will be negatively impacted by the construction phase of this project. Improvements, such as road widenings, chip seal, or overlay, to the roads used for access will be required but cannot be determined until the construction route and schedule of deliveries is provided.

4) An encroachment permit shall be required for any crossings of County maintained roads. There appear to be proposed gen-tie crossings, an engineered plan must be submitted for review and approval prior to permit issuance.

5) Once improvements anticipated by Condition #2 are determined, an engineered plan must be submitted for review and approval prior to permit issuance for any improvements to County maintained roads.

6) All driveway access points to the subject parcels, both temporary and permanent, shall be identified. Additional conditions may be imposed once driveway access point locations are submitted.

7) The Department of Water Resources (DWR) is currently working on the replacement of Bridge 02-018 on Clarkson Avenue, schedule for construction currently unknown. DWR may be contacted for further information on that bridge.

8) There is an existing low water crossing/culvert located 0.02 miles north of the intersection of Mount Whitney Avenue and Stanislaus Avenue that is in poor condition and not recommended for construction traffic. If this is designated as part of the construction haul route, applicant will be required to evaluate the structure and may be required to improve it prior to start of deliveries.

Sincerely,

Arianna Brown

Arianna Brown, Planner -- Development Services and Capital Projects Division

G:\4360Devs&Pln\PROJSEC\PROJDOCS\Environmental\OAR\California Energy Commission\Notice of Preparation_EIR\Darden Clean Energy Project 23-OPT-02\(23-OPT-02) California Energy Commission - RESPONSE LETTER.docx

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 11/8/2024 11:21:53 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Cusato, Anthony@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=92bb3e53fa2c490d87929b4b84ce28c9-b8359c82-60]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Cabrera, Crystal@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ed6e32a127144ccfa19a6f4347765a9e-00a33618-ff]; Megan Svedman [megan.svedman@intersectpower.com]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

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Hi Ann,

We are reviewing the contracts to confirm we can share publicly, with dollar amounts redacted, based on the terms in the agreements. I will get the documents submitted to the docket as soon as we can finish that review and notify counter parties as needed.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Tue, Nov 5, 2024 at 8:19 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

Thank you for the information. Please provide copies of the remaining executed Community Benefits Agreements.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, October 29, 2024 7:24 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>; Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

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Hello Ann,

As stated in our Community Benefits Plan document that was submitted to the docket on May 17, 2024, Intersect Power plans on making significant investments totaling over $2 million dollars over the next ten years to community-based initiatives and programs in the Fresno County area. I submitted 8 agreements with a request for confidential designation in May 2024. CEC legal counsel reached out to me and stated they would reject the confidential request and did not agree with the language used in the contracts as satisfying a "binding agreement". Since that time we have worked with CEC staff to understand the concerns with the termination language in the agreements and have submitted one updated agreement that satisfies the requirements in the Opt-In statute. Given that agreement satisfies the requirement we have not updated the other agreements that were executed earlier this year to change the termination language. We could submit those agreements as is if that would be acceptable, but we do not plan on going back to our valued community partners to update agreements already in place and active.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Mon, Oct 28, 2024 at 8:39 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky and Will,

Could you provide a copy of all of the CBAs that have been executed? There are others beyond the Centro La Familia CBA that have been executed based on your presentation at the scoping meeting. The status of the CBAs in the presentation differed from the response below. Although the Opt-In statute only requires one legally binding CBA, it would be helpful for CEC to review the others and it is relevant to know whether the applicant has gone beyond the minimum requirements. All of the CBAs should also be included in the docket/administrative record.

Thanks,

Ann

From: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Sent: Tuesday, October 15, 2024 2:17 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Becky Moores <becky.moores@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>; Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

There are no additional CBAs to update on.

Sincerely,

Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

On Fri, Oct 11, 2024 at 1:01 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

Could you provide an update on the item below in highlight?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Friday, September 27, 2024 9:11 AM

To: Becky Moores <becky.moores@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>; Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

Hi Becky,

Thank you for meeting last week to discuss the the CBA with Centro La Familia Advocacy (TN 258569). Staff counsel reviewed the amendment and found the revised terms acceptable (TN 259219).

At this time we are not seeking any further amendments to the CBA.

Do you have a status update on the submittal of any further signed CBAs?

Thanks,

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Tuesday, September 17, 2024 6:51 AM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>;

Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

HI Becky,

As of right now, 1030 AM on Thursday would be best, does that work for your team? If not, I can look into other times.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, September 16, 2024 3:47 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>; Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

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Ann - Wednesday or Thursday are preferred days for a meeting, can you send availability for your team?

Thanks,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com
Upcoming PTO: October 1 - 18

On Mon, Sep 16, 2024 at 3:19 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

The CEC staff counsel assigned to the project have reviewed the Darden Community Benefits Agreement (TN 258569). Staff counsel has comments that we would like to discuss and we would like to set up a meeting. Does that work for you? We can provide a summary of the comments prior to the meeting.

Are there any days this week that work best for you?

Do you have a status update on the submittal of any further signed CBAs?

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division

1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 11/5/2024 12:07:33 AM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Marisa Mitchell [marisa@intersectpower.com]; Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Haws, Marichka@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=952e0b50c8ae422588958c273050b0b0-Haws, Maric]
Subject: Re: IP Darden SLides

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Got it, I will get our community engagement consultant started on the translation.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Mon, Nov 4, 2024 at 12:53 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

If they are employed as a translator or do this as part of their job that would suffice, but if is a lay person who would translate the slides then we can have it sent to the translation service. Please let me know so I can plan for next steps.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, October 28, 2024 2:55 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Marisa Mitchell <marisa@intersectpower.com>; Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Haws, Marichka@Energy <Marichka.Haws@energy.ca.gov>
Subject: Re: IP Darden SLides

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Hi Ann,

I'll coordinate to get one of our consultants to prepare a Spanish version. I don't know if they are a "certified translation service" so please let me know if that is a concern.

Thanks,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Mon, Oct 28, 2024 at 8:42 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

Following up on this topic below? If you don't have access to certified translation services we can request that be taken care of by the CEC contractor? Thank you for posting the PPT to the docket on Friday.

We have posted all the CEC presentations to the Events page so would like to get the applicant's presentations posted, as well.

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Thursday, October 24, 2024 10:23 AM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Marisa Mitchell <marisa@intersectpower.com>; Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Haws, Marichka@Energy <Marichka.Haws@energy.ca.gov>
Subject: Re: IP Darden SLides

Hi Becky,

If you don't have access to certified translation services we can request that be taken care of by the CEC contractor?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Tuesday, October 22, 2024 2:27 PM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Marisa Mitchell <marisa@intersectpower.com>; Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Haws, Marichka@Energy <Marichka.Haws@energy.ca.gov>
Subject: Re: IP Darden SLides

Hi Becky,

Please submit the English version. I will look into the Spanish translation question below.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, October 22, 2024 1:47 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Marisa Mitchell <marisa@intersectpower.com>; Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Haws, Marichka@Energy <Marichka.Haws@energy.ca.gov>
Subject: Re: IP Darden SLides

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Hi Ann,

We can get that submitted to the docket. We only have an English version of the presentation at this time. If a Spanish version needs to be docketed would you send that out for certified translation?

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Mon, Oct 21, 2024 at 12:09 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

We need to have the PPT from the applicant submitted to the docket - do you want to take care of that or should we?

Also, since we had monolingual Spanish speakers at the event and in the community we would like to make materials available to those members of the community. Do you have plans to translate your materials into Spanish? We sent out our materials for certified Spanish translation services and those are in the docket.

Thanks!

Ann

From: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Sent: Wednesday, October 16, 2024 2:45 PM
To: Huber, Elizabeth@Energy <Elizabeth.Huber@energy.ca.gov>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: IP Darden SLides

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Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 11/13/2024 4:00:00 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]; Cusato, Anthony@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=92bb3e53fa2c490d87929b4b84ce28c9-b8359c82-60]; Mayer, Alex@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a7ef7ec23eb4292abd2748ce1b69948-ef756fa8-50]; Cabrera, Crystal@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ed6e32a127144ccfa19a6f4347765a9e-00a33618-ff]; Megan Svedman [megan.svedman@intersectpower.com]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

Hi Becky,

Thanks for the update, will look out for any updates.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Friday, November 8, 2024 3:21 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>; Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

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Hi Ann,

We are reviewing the contracts to confirm we can share publicly, with dollar amounts redacted, based on the terms in the agreements. I will get the documents submitted to the docket as soon as we can finish that review and notify counter parties as needed.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Tue, Nov 5, 2024 at 8:19 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Becky,

Thank you for the information. Please provide copies of the remaining executed Community Benefits Agreements.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, October 29, 2024 7:24 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>; Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Ann,

As stated in our Community Benefits Plan document that was submitted to the docket on May 17, 2024, Intersect Power plans on making significant investments totaling over $2 million dollars over the next ten years to community-based initiatives and programs in the Fresno County area. I submitted 8 agreements with a request for confidential designation in May 2024. CEC legal counsel reached out to me and stated they would reject the confidential request and did not agree with the language used in the contracts as satisfying a "binding agreement". Since that time we have worked with CEC staff to understand the concerns with the termination language in the agreements and have submitted one updated agreement that satisfies the requirements in the Opt-In statute. Given that agreement satisfies the requirement we have not updated the other agreements that were executed earlier this year to change the termination language. We could submit those agreements as is if that would be acceptable, but we do not plan on going back to our valued community partners to update agreements already in place and active.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Mon, Oct 28, 2024 at 8:39 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

> Hi Becky and Will,
>
> Could you provide a copy of all of the CBAs that have been executed? There are others beyond the Centro La Familia CBA that have been executed based on your presentation at the scoping meeting. The status of the CBAs in the presentation differed from the response below. Although the Opt-In statute only requires one legally binding CBA, it would be helpful for CEC to review the others and it is relevant to know whether the applicant has gone beyond the minimum requirements. All of the CBAs should also be included in the docket/administrative record.
>
> Thanks,
>
> Ann

From: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Sent: Tuesday, October 15, 2024 2:17 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Becky Moores <becky.moores@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>; Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

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Hi Ann,

There are no additional CBAs to update on.

Sincerely,

Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

On Fri, Oct 11, 2024 at 1:01 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

Could you provide an update on the item below in highlight?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Friday, September 27, 2024 9:11 AM

To: Becky Moores <becky.moores@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>; Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

Hi Becky,

Thank you for meeting last week to discuss the the CBA with Centro La Familia Advocacy (TN 258569). Staff counsel reviewed the amendment and found the revised terms acceptable (TN 259219).

At this time we are not seeking any further amendments to the CBA.

Do you have a status update on the submittal of any further signed CBAs?

Thanks,

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Tuesday, September 17, 2024 6:51 AM
To: Becky Moores <becky.moores@intersectpower.com>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>; Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

HI Becky,

As of right now, 1030 AM on Thursday would be best, does that work for your team? If not, I can look into other times.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, September 16, 2024 3:47 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Cusato, Anthony@Energy <anthony.cusato@energy.ca.gov>; Mayer, Alex@Energy <Alex.Mayer@Energy.ca.gov>; Cabrera, Crystal@Energy <Crystal.Cabrera@Energy.ca.gov>; Megan Svedman <megan.svedman@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - CBA meeting request

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Ann - Wednesday or Thursday are preferred days for a meeting, can you send availability for your team?

Thanks,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com
Upcoming PTO: October 1 - 18

On Mon, Sep 16, 2024 at 3:19 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

> Hi Becky,
>
> The CEC staff counsel assigned to the project have reviewed the Darden Community Benefits Agreement (TN 258569). Staff counsel has comments that we would like to discuss and we would like to set up a meeting. Does that work for you? We can provide a summary of the comments prior to the meeting.

Are there any days this week that work best for you?

Do you have a status update on the submittal of any further signed CBAs?

Thanks!

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 11/15/2024 10:53:35 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Will Lutkewitte [will.lutkewitte@intersectpower.com]
Subject: Darden Clean Energy Project (23-OPT-02) - informal request for Water information

Hi Becky,

While evaluating the application with respect to removal of the green hydrogen component, Water staff determined that the applicant's Data Request Response Set 4 (TN 256296) did not fully respond to Data Request DR WATER-19.

Detention basins are identified in Sections 5.13.1.2, 5.13.1.6, and 5.13.3.2 of the Application as a means of controlling the rate of stormwater runoff. In addition, Data Request Response Set 4, DR WATER-19 (TN 256296) includes Figure 4 which indicates the detention basins would be located at the northeast corner of (16) proposed drainage areas. However, the irregular shape of the detention basins shown in Figure 4 suggests the haphazard ponding of stormwater. Moreover, although details regarding detention basin design are presented in the applicant's Data Request Response Set 4 (TN 256296), a 2D Hydraulic Model and a Preliminary Drainage Report prepared by the applicant are heavily cited in the application materials and Data Request Responses, but was not provided by the applicant.

Please provide a preliminary design drawing of a typical detention basin, 2D Hydraulic Model, and Preliminary Drainage Report to further demonstrate how stormwater will be controlled.

Could you please let us know if you are able to provide this information in a timely manner?

Thanks,

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 11/12/2024 9:33:16 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Marisa Mitchell [marisa@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Will Lutkewitte [will.lutkewitte@intersectpower.com]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - green hydrogen question

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Hello Ann,

Please see response below regarding cumulative projects.

At this time, nothing has been submitted to CAISO for a hydrogen project. The project mentioned in the previous email is currently only a proposed solar and storage project. Although an application has been submitted to CAISO, the project viability will remain uncertain until mid-2025 when CAISO finalizes a project list and initiates the first cluster study. Therefore, we believe both the solar/storage project and the hydrogen project are not "reasonably foreseeable" for purposes of cumulative impacts analysis under CEQA. Additional information on CAISO's interconnection process is provided below to support this position.

The detailed information provided for projects applying for interconnection, either through a utility distribution or directly with CAISO, is considered confidential customer information and includes a proposed site location. However, projects may apply for interconnection through CAISO without site control, and several entities may propose competing projects for the same property. There is also a high degree of attrition in the interconnect application process. Therefore, applications to CAISO for interconnection positions cannot be used to reliably determine whether a particular energy generation project at a particular location is reasonably foreseeable or probable.

Applications to CAISO for queue positions are made to interconnect some requested number of megawatts at an identified substation but do not predict exactly where a generation or storage project would be located in relation to the substation or what its characteristics would be. Specifically, after an application is submitted, CAISO will first subject it to a multi-phase study process to determine what system-wide and/or project specific upgrades will be required to allow the project to interconnect. The multi-phase study process can take years and may end up determining that there is insufficient existing grid capacity for the project, and the interconnection request will require millions of dollars in upgrades, often making a project economically unfeasible. Even in cases where the upgrades evaluated by the applicant have been determined to be economically feasible, the location of a generation or storage project could be anywhere in a fairly large radius around that substation because multi-mile generation tie lines can be used to connect an energy generation or storage facility to a substation.

Finally, developers lose or choose not to maintain queue positions for a variety of reasons, including the network upgrade costs, interconnection facility costs, construction timelines, and queue position security postings. Per CAISO, approximately 60 percent of interconnection customers withdraw from the queue after receiving their phase 1 studies. (https://www.caiso.com/Documents/Feb8-2024-TariffAmendment-Postpone-2024-Interconnection-Request-Window-ER24-1213.pdf.) A Queue Cluster refers to the CAISO's bundling of applications for assessment. So, the fact that a developer has filed an application to CAISO for interconnection at a substation does not mean that a particular energy generation project will be approved at a foreseeable

location within a foreseeable timeframe with foreseeable characteristics such that it can be said to be reasonably foreseeable or probable.

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

On Tue, Oct 29, 2024 at 6:57 AM Becky Moores <becky.moores@intersectpower.com> wrote:
Hi Ann - I am working with my team on this request and will get back to you soon.

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Tue, Oct 22, 2024 at 11:11 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:
Hi Marisa,

In order to determine if we would consider this a cumulative project we are requesting the applicant submit a copy of the interconnection request that it filed with CAISO in April 2023 for the potential future hydrogen project (to be located near Darden). If the document is confidential, the applicant can submit the document to the CEC along with an application for confidentiality.

Any questions please let me know.

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Wednesday, October 2, 2024 2:55 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>; Will Lutkewitte <will.lutkewitte@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - green hydrogen question

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Ann,
Here's the schedule for the potential future hydrogen project's interconnection process:

- We filed an interconnection request in April 2023

- We will refile in order to submit evidence of meeting the site control requirement in October 2024 (projects that fail to meet the requirement will be removed from the queue)
- If the project continues to qualify, we will have preliminary information about project viability from an interconnection standpoint in May 2025
- If the project continues to qualify, the cluster study process would start in June 2025 and would conclude in November 2025

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Wed, Oct 2, 2024 at 11:19 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

Thanks for the call yesterday. We were looking for clarification on the plans and timing to file with CAISO for the future green hydrogen project?

Thanks,

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Becky Moores [becky.moores@intersectpower.com]
Sent: 11/13/2024 11:33:48 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Marisa Mitchell [marisa@intersectpower.com]; Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Worrall, Lisa@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4bbc7048b38485084bdb03fb494b25b-Worrall, Li]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

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Hi Ann,

Received and we have downloaded the data request set. We will review and reach out soon to schedule any needed meetings with your team for clarifications and discussion.

Best,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Wed, Nov 13, 2024 at 2:52 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

Just wanted to let you know that we will be docketing supplemental data requests today, following our regulations, that are related to the project description changes and comments received during the NOP comment period. We look forward to your review and - as in the past - we would be able to meet to discuss if you need clarifications.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, October 29, 2024 6:54 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Marisa Mitchell <marisa@intersectpower.com>; Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

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Hi Ann,

The technical sections in our application evaluated potential impacts independently for the various project components including: the Solar Facility, Step-Up Substation and Gen-tie; BESS; Green Hydrogen Facility; and the Utility Switchyard. Based on this format we believe the technical sections and data responses should

still present the information needed for your CEQA analysis without the hydrogen component. If you have any clarifying questions on the various sections we would be happy to schedule a call to discuss specific topics or details.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Mon, Oct 21, 2024 at 5:29 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

Have you determined whether any of the technical studies should be slightly updated as well (e.g., water supply assessment). Please see below in highlight?

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Monday, October 7, 2024 11:51 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

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Ann,
We hope to get that to you today or tomorrow. In the meantime, we can confirm that the backup generators have been reduced from 6 to 1, and the water demands are as follows: 1,100 acre-feet total during construction and up to 35 acre-feet/year during operations.

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Mon, Oct 7, 2024 at 10:51 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

Hope you had a nice weekend...just checking in on the updated full project description? I am preparing talking point for the scoping meeting about potentially significant effects. Do you have an update on timing of submittal? This is especially related to the backup generators and water use?

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Wednesday, October 2, 2024 2:48 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

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Will do.

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Wed, Oct 2, 2024 at 2:46 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

I spoke with Becky on how to handle this and it will need to docketed as a memo to the website to make it a formal change.

Could you put the short PD in a memo from Intersect and a note that the green hydrogen is no longer part of the project? Similar to the memo for changes to wastewater from the hydrogen electrolyzer?

Thanks!

Ann

From: Marisa Mitchell <marisa@intersectpower.com>
Sent: Wednesday, October 2, 2024 2:41 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ann, I'm sorry I misunderstood. I thought you were asking only for the detailed project description to be updated, which we're targeting by the end of the week or very early next week, but we're evaluating whether any of the technical studies should be slightly updated as well (e.g., water supply assessment). For the website/short project description, the redlines you've provided are perfect. Regarding backup generators, I should have an answer for you today. Regarding water use reductions, I expect to have an answer for you by the end of the week.

Marisa Mitchell
Head of Environmental and Permitting
INTERSECT POWER
415.846.0730
marisa@intersectpower.com
www.linkedin.com/in/marisa-n-mitchell

On Wed, Oct 2, 2024 at 2:03 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Marisa,

Do you have an estimate on when you could submit the brief project description update for the website? We should update the website before the notice goes out on Friday, Oct 4. See below in highlight.

Also, would you be able to get the strikethrough project description to us by next week?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Tuesday, October 1, 2024 7:08 AM
To: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Marisa Mitchell <marisa@intersectpower.com>; Becky Moores <becky.moores@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

Hi Will,

After speaking with Becky yesterday, staff is now aware that Intersect is dropping the hydrogen production component from the Darden Clean Energy Project. We will need a memo or similar document submitted to the docket to reflect this change.

Staff is recommending that Intersect docket a track changes version of the project description that was submitted for the project website, attached. This can be submitted as a memo, similar to the memo attached.

If there is any reduction in the project acres, please reflect that in the memo to the docket.

When do you estimate you could have a memo docketed?

In addition, do you have a estimate for submitting the revised Project Description section of the application, in strikethrough?

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Monday, September 30, 2024 2:33 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>; Marisa Mitchell <marisa@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

I called you on Friday to discuss the project description and left a voicemail. I will try you again now.

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com
Upcoming PTO: October 1 - 18

On Mon, Sep 30, 2024 at 3:12 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

Just checking in on the PD? We need to let staff know if there are any changes to the alternatives as soon as possible.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, September 25, 2024 3:38 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

I am actively reviewing the updated project description and plan to get that over to CEC by Monday. I am still waiting on confirmation from PG&E on their timeline to rule out any of their fiber route options and have followed up on that again today. I am also working internally to get sign off on removing any of the projects alternative locations for the various facilities and trying to have that align with getting you the updated project description.

Thanks,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com
Upcoming PTO: October 1 - 18

On Tue, Sep 24, 2024 at 4:20 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

Just checking in on the 2 items below in highlight?

Also - do you have an estimated date you will be submitting the strikethrough project description?

Thanks!

Ann

From: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Sent: Friday, September 13, 2024 12:00 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Becky Moores <becky.moores@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Worrall, Lisa@Energy <Lisa.Worrall@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - TSD-1

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

Your requests have been received and we are working on getting those responses to you by early next week. Thank you.

Sincerely,

Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

On Fri, Sep 13, 2024 at 2:04 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

Would you be able to provide the GIS shapefiles used to compile the "Appendix D - Volume 2 Addendum to the Biological Resources Assessment for the Darden Clean Energy Project - Appendix A Figures" (e.g. the Fiber Line Scenario Study, Substation Study Area, and Substation Boundary, etc) that were provided in Batch 6 to satisfy REV 1 DR TSD-1, parts a and b?

Also, staff understands, per the meeting on 9/10/2024, that PG&E is getting close to finalizing which of the three alternative scenarios for fiber line communications is preferred? Do you have an estimated timeframe for that information being available? Please provide confirmation to staff as soon as that determination is made available.

During the 9/10/24 meeting, we also discussed the process to provide updates to the CEC if any of the options should be eliminated from our analysis. Depending on the extent of the changes it can be provided by the applicant either by a memo in the docket noting which option is being eliminated or by docketing a strike though version of the project description. We need to ensure we have removed all components from our analysis that are no longer being considered as part of the project. If you are removing any options from the project description please provide notice as soon as possible.

Do you have any indication at this time that any of the options may not move forward after coordination with your EPC contractor?

Thanks!

Ann

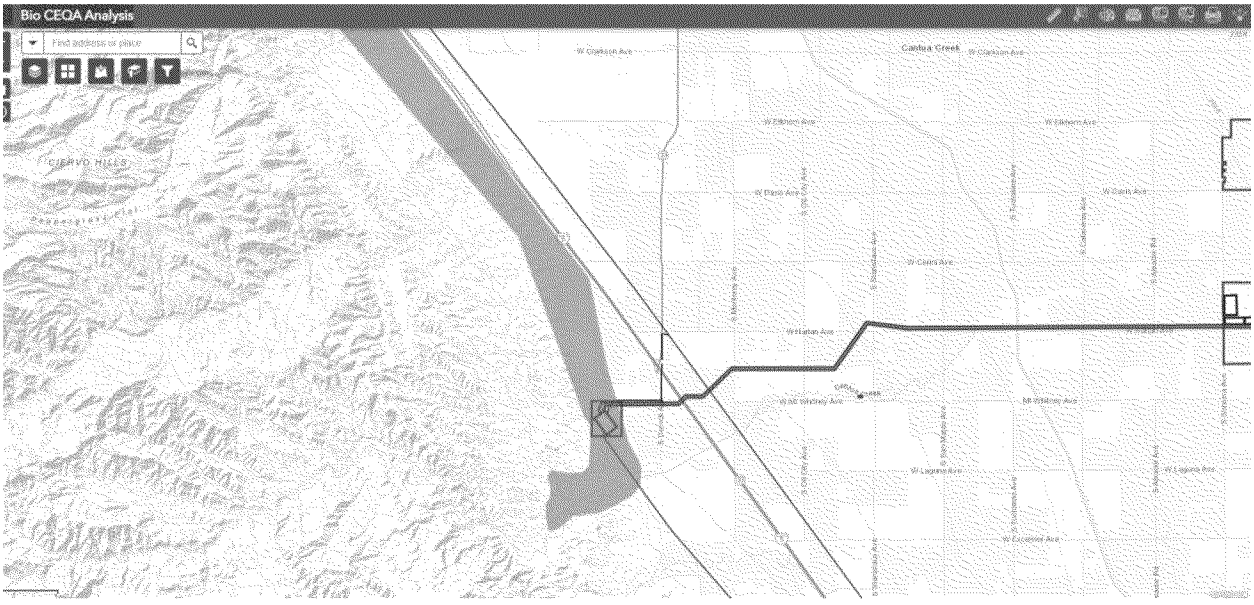
Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

Bunt nosed leopard lizard

Low to Moderate. Found on the San Joaquin valley floor and inhabits annual grasslands and patchy vegetation with low shrubs. The CNDDB has a record from 1993 that overlaps the project site. May disperse from west of the project onto the utility switchyard.

For USFWS: Purple is the gentie line. Orangish polygon is BNLL. Utility switchyard is, as I mentioned, part of the project but would ultimately be deeded to PG&E, under the purview of the CA Public Utilities Commission. Generally north- south lines are the fiber optic upgrades (on either side of I-5). Let me know if there are questions!



California tiger salamander

Low. This species utilizes ground squirrel burrows in grasslands. This species has a low potential to occur in stock impoundments immediately west of the utility switchyard. While the species may disperse in excess of a kilometer (Stanford University 2024), suitable habitat is not available. The closest CNDDB occurrences are over 10 miles away.

CEC Comment Regarding California Tiger Salamander (CTS): The Special-Status Species Evaluation Table (Appendix Q-2, p. Q-2-9) states: "A perennial pond for grazing cattle with nearby ground squirrel burrows occurs west of the utility switchyard within the BSA. However, there is no suitable habitat in the BSA within the 1.2-mile dispersal distance of this species". However, according to staff's review of applicant's data (including shapefiles), Impoundments 1 and 2 (TN 253038-3, pps. 31 of 57 and 32 of 57) are located immediately adjacent to the border of the "Utility Switchyard Parcel" and less than 0.26 and 0.16 miles (respectively) from the boundary of the "Utility Switchyard". These locations may contain suitable habitat for CTS and are well within

dispersal distance of 1.2 miles. There is also another immediately offsite portion described under San Joaquin coachwhip as "An area of suitable open dry habitat with nearby ground squirrel burrows occurs west of the switch yard within the BSA." (p. Q-2-11), that could be potentially suitable habitat for CTS within dispersal distance. Portions of the utility switchyard and gen tie line may also provide suitable habitat for CTS with the presence of ground squirrel burrows. These mapping discrepancies should be resolved as part of the response to data requests (DR BIO13, BIO-14 and BIO-34). Please ensure the responses provide additional information on the applicant's determination that there is no potential for CTS to occur and include the results of any offsite survey data.

Applicant Response: The entire Project site consists of agricultural lands that are disked and managed as retired agricultural parcels, with a small number of orchards and occasionally active agriculture fields cultivated with vegetables in years with greater-than-normal precipitation (refer to the response to DR BIO-5). While marginally suitable habitat and marginal aquatic habitat are present in the vicinity as described below, the Project site itself supports no suitable aquatic or refugia habitat for CTS. California tiger salamander inhabits annual grasslands and open woodlands and requires upland habitat with underground refugia and seasonal water sources for breeding. The species spends most of its life with little movement in underground small mammal burrows; however, during the breeding season typically between November and February, this species migrates at night during rain events, traveling between upland habitat and breeding ponds (Orloff 2011). This species is closely associated with California ground squirrel underground burrows (Trenham 2001), and active populations of burrowing rodents are likely required to sustain California tiger salamanders as inactive burrow systems collapse and become progressively unsuitable over time (Loredo et al. 1996). Aquatic breeding sites include vernal pools and other seasonal ponds and stock ponds that typically have minimal emergent vegetation, lack predatory fish or bullfrogs, and are inundated for at least 12 weeks during the breeding season to allow for larval metamorphosis to be completed. The utility switchyard and gen-tie line are in areas of agricultural production comprised of actively managed orchards, occasional vegetable crops tilled and planted only during years of greater-thannormal precipitation, retired agricultural parcels that are regularly disked, or disturbed areas that are graded and non-friable (as shown in Photographs 1 through 9 in Appendix Q-4, Site IP Darden I, LLC and Affiliates Darden Clean Energy Project (23-OPT-02) 12 Photographs). While California ground squirrels were observed within the BSA along roadsides, and around the edges of the alternate green hydrogen component location, most of the Project site (including the orchard within the utility switchyard footprint, as shown in Photograph 1 in Appendix Q-4, Site Photographs) is unsuitable for California ground squirrels. Annual grassland occurs along the western edge of the Ciervo Hills. Two seasonal cattle ponds

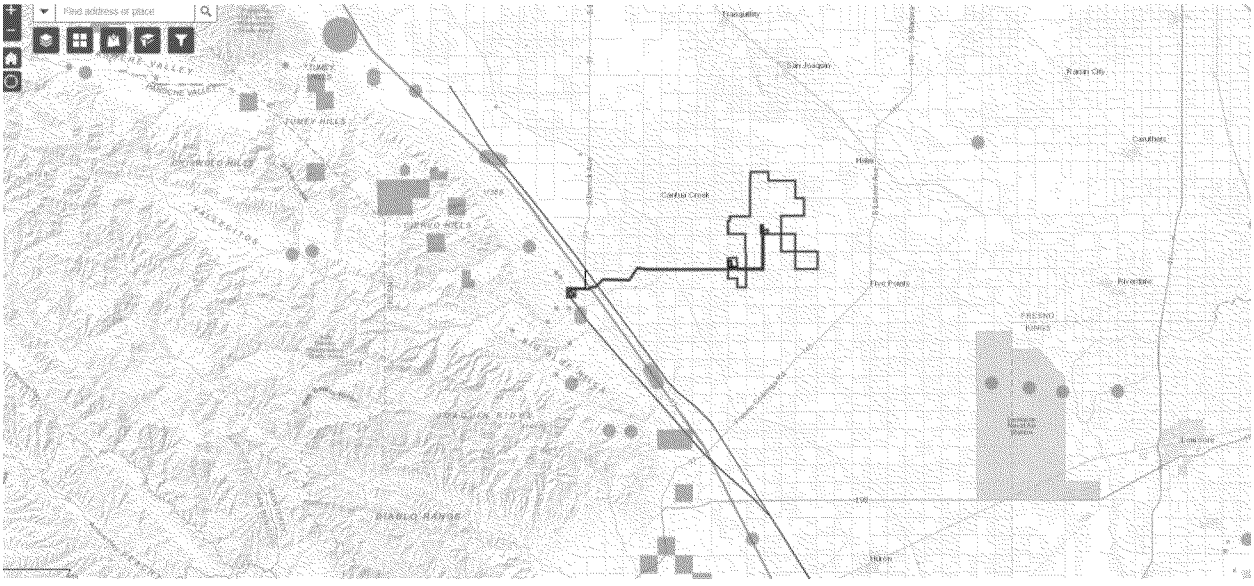
(Impoundments 1 and 2) are within the non-native grassland, approximately 0.46 mile west of, and immediately adjacent to the Project site. Both ponds are small (approximately 0.07 and 0.09 acre), intermittently dry, and isolated (no other ponded water occurs within California tiger salamander dispersal range of Impoundments 1 and 2). As identified on page Q-2-9 of Appendix Q-2, Special-Status Species Evaluation Tables, there are no California tiger salamander occurrences within 10 miles of the BSA. Additionally, there are no known occurrences of this species on the eastern edge of the Ciervo Hills. As such, there is low potential for this species to occur within the grassland habitat or cattle ponds outside the Project site. While a limited number of California ground squirrels occur along roadsides in the vicinity of the utility switchyard and gen-tie line, there is low potential for California tiger salamander to occur within these areas, as the only potential dispersal location is the grassland habitat to the west, which has a low potential for this species to occur, as described above. Additionally, the land cover within the utility switchyard Project area consists of an actively managed orchard and areas that are regularly disked. This area does not present suitable dispersal habitat and California tiger salamander are not expected to occur within the Project site.

California condor

Low (foraging)/ Not Likely to Occur (roosting/nesting). Occur in vast expanses of open savannah, grasslands, and foothill chaparral in mountain ranges of moderate altitude. Foraging habitat includes open grasslands, oak savannah foothills, and beaches adjacent to coastal mountains. Roost on large trees or snags, or on rocky outcrops and cliffs. Nests are located in caves and ledges of steep rocky terrain or in cavities and broken tops of old growth conifers. May occasionally fly in the area near or over the project. No CNDDB map provided as there are no close occurrences.

San Joaquin Kit Fox

Present. Occur in the San Joaquin Valley and associated foothills, and flatlands such as the Carrizo Plain and Panoche Valley. Habitat includes alkali sink, valley grassland, and woodland in valleys and adjacent foothills. Suitable habitat within (utility switchyard) and immediately adjacent to the west of the substation parcel. California ground squirrel, Botta's pocket gopher, and Heermann's kangaroo rat provide suitable burrows in the western portion of project. May disperse through or forage within the utility switchyard, gen-tie line corridor, and fiber optic lines.



Mig Birds:

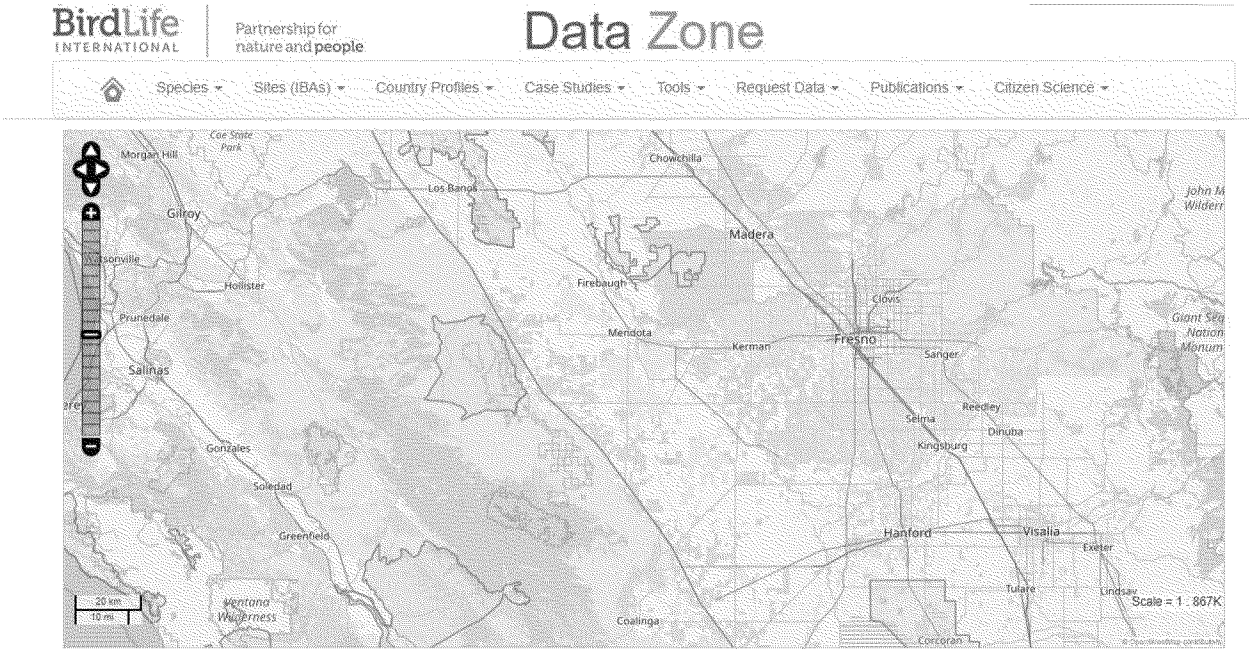
From my analysis so far:

For migratory bird species, the project site is located within the Pacific Flyway, a significant avian migration route. The Pixley National Wildlife Refuge and the Kern National Wildlife Refuge are both located approximately 50 miles south of the site, and the Mendota Wildlife Area, located approximately 10 miles north of the project site, are recognized stopover locations for migratory birds travelling along the Pacific Flyway (USFWS 2024, CDFW 2024). The Mendota Wildlife Area is an "Important Bird Area" (IBA) as defined by BirdLife International, implemented by Audubon and local partners in the United States. The IBA program identifies and aims to conserve areas that are vital to birds and other biodiversity, and the Mendota Wildlife Area has state priority (Audubon 2024). As stated by Audubon (2024) "Located at the historical confluence of the San Joaquin and the Kings rivers, this IBA includes the 12,425-acre Wildlife Area as well as the Producer's Dairy, which covers an area east of the refuge and the Alkali Sink Ecological Reserve at the north boundary of the IBA. Primarily managed for winter waterfowl, Mendota is characterized by large, marshy impoundments with 3000 acres of agricultural lands planted in silage for cattle...".

Other species documented include nesting white-faced ibis (*Plegadis chihi*), breeding tricolored blackbird (*Agelaius tricolor*), and breeding black-crowned night-heron (*Nycticorax nycticorax*). "Winter and spring shorebird use is high, with over 10,000 birds present on peak spring days. Because some water is available during the summer, the wetlands on the refuge are also utilized by breeding Northern Harrier [*Circus hudsonius],* and both Black and Forster's terns [*Chlidonias niger, Sterna forsteri]* have summered and

may eventually breed…" (Audubon 2024). Late fall brings ducks and geese, sandhill crane [*Antigone canadensis]*, and spring brings shorebirds to the draining impoundments. Riparian species such as white-tailed kite [*Elanus leucurus]* and blue grosbeak [*Passerina caerulea]*, may be found here, particularly at the Mendota Pool. The Alkali Sink Ecological Reserve area is regularly used by greater and lesser sandhill cranes, northern harriers (*Circus hudsonius*), Swainson's hawks (*Buteo swainsoni)*, mountain plover (*Anarhynchus montanus*), burrowing owl (*Athene cunicularia*) and tricolored blackbirds.

Approximately 25 miles north of the proposed project lies the poorly studied Lone River Slough. As stated by Audubon (2024), it is "...a 30,000-acre patch of vernal pool-rich grassland, alkali scrub and freshwater marsh (i.e. the slough) with narrow bands of riparian woodland and that has somehow survived the agricultural transformation of western Fresno/Madera Co. Located northeast of Firebaugh, this habitat may represent the largest intact swath of unplowed valley floor in the San Joaquin Valley (R. Hansen, pers. comm.)." It is known to support Swainson's hawk, great blue heron (*Ardea herodias*), and white-faced ibis. There is potential for the presence of migratory bird species within the project site due to the proximity to these areas, as well as the Pacific Flyway.



From: Becky Moores [becky.moores@intersectpower.com]
Sent: 11/22/2024 8:46:25 PM
To: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: Re: Darden (23-OPT-02) Supplemental Data Requests

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Hi Ann,

Sorry for the delay on this, we would like to touch on the topic of updated footprints for the various components as requested in the BIO DRs and how we plan to approach that response. We can walk through the other requests to see if there is anything to talk about on either side, but not major concerns otherwise. Talk soon!

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Fri, Nov 22, 2024 at 12:55 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Will - any updates on the agenda/DR topics for the meeting today at 1?

From: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Sent: Friday, November 22, 2024 10:14 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Becky Moores <becky.moores@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden (23-OPT-02) Supplemental Data Requests

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ann,

Becky is confirming the topics we will want to discuss and she will send them over to you soon.

In the meantime, I checked with our AQ team and if you could please hold the 1 - 1:30 PM time slot on Monday, I will circulate an invite around shortly. Can you let me know the staff emails of those from the CEC you would like on that call? Thank you!

Sincerely,

Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

On Fri, Nov 22, 2024 at 9:52 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Will,

Great, please send a meeting invite for today, please let us know the specific supplemental data requests you would like to discuss so we can be prepared.

For the AQ meeting, the AQ team may have other times and could also meeting on Tuesday, but those times I sent are preferred for now as I am out on Tuesday. Also, if there are specific DRs that you would like to discuss let us know or is it just a general AQ discussion?

Thanks!

Ann

From: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Sent: Friday, November 22, 2024 6:46 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Becky Moores <becky.moores@intersectpower.com>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden (23-OPT-02) Supplemental Data Requests

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Ann,

1 PM works for us today! Do you want to circulate an invite around or would you like me to?

For the AQ meeting, we are still looking at the schedule and will let you know soon if either of those times work.

Thank you,

Will Lutkewitte
Specialist, Environmental & Permitting
INTERSECT POWER
(e) will.lutkewitte@intersectpower.com

On Fri, Nov 22, 2024 at 9:35 AM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

Hi Becky,

For the PM and Eric meeting, we could meet today at either 11 or 1?

For the AQ meeting, between 10 and 11 or 1 to 130 on Monday? Do any of these times work for your team?

Thanks!

Ann

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Thursday, November 21, 2024 12:28 PM
To: Becky Moores <becky.moores@intersectpower.com>

Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Will Lutkewitte <will.lutkewitte@intersectpower.com>
Subject: Re: Darden (23-OPT-02) Supplemental Data Requests

Hi Becky,

Thanks for reaching out, I will find out staff's availability and get back to you shortly.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Thursday, November 21, 2024 12:05 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Will Lutkewitte <will.lutkewitte@intersectpower.com>
Subject: Darden (23-OPT-02) Supplemental Data Requests

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Hi Ann,

After reviewing the additional data requests we would like to try and get a meeting scheduled soon with your air team so we can describe and confirm the intended approach to our response. There are also a few other general questions relating to some of the other DRs that should be appropriate for you and Eric and was hoping to schedule some time with you as well. Can you please provide availability for those two calls?

Thank you,

Becky Moores
Director, Environmental & Permitting
INTERSECT POWER
(c) 303.919.6735
(e) becky.moores@intersectpower.com

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 11/19/2024 11:35:49 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Will Lutkewitte [will.lutkewitte@intersectpower.com]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - informal request for Water information

Hi Becky,

Thanks for addressing this request. Any questions please let me know.

Thanks!

Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Tuesday, November 19, 2024 8:27 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>; Will Lutkewitte <will.lutkewitte@intersectpower.com>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - informal request for Water information

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Hi Ann,

Thanks for sending this request so we can review and respond quickly. We will work on gathering this data and submit through the docket. I'll respond to this email to let you know when the items have been submitted.

Thank you,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Fri, Nov 15, 2024 at 3:53 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

> Hi Becky,
>
> While evaluating the application with respect to removal of the green hydrogen component, Water staff determined that the applicant's Data Request Response Set 4 (TN 256296) did not fully respond to Data Request DR WATER-19.
>
> Detention basins are identified in Sections 5.13.1.2, 5.13.1.6, and 5.13.3.2 of the Application as a means of controlling the rate of stormwater runoff. In addition, Data Request Response Set 4, DR WATER-19 (TN 256296) includes Figure 4 which indicates the detention basins would be located at the northeast corner of (16) proposed drainage areas. However, the irregular shape of the detention basins shown in Figure 4 suggests the haphazard ponding of stormwater. Moreover, although details regarding detention basin design are presented in the applicant's Data Request Response Set 4 (TN 256296), a 2D Hydraulic Model and a Preliminary Drainage Report prepared by the applicant are heavily cited in the application materials and Data Request Responses, but was not provided by the applicant.

Please provide a preliminary design drawing of a typical detention basin, 2D Hydraulic Model, and Preliminary Drainage Report to further demonstrate how stormwater will be controlled.

Could you please let us know if you are able to provide this information in a timely manner?

Thanks,

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 11/21/2024 2:36:14 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: Re: Darden Clean Energy Project (23-OPT-02) - Appendix V document request

Thanks Becky - Ann

From: Becky Moores <becky.moores@intersectpower.com>
Sent: Wednesday, November 20, 2024 11:38 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Cc: Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: Re: Darden Clean Energy Project (23-OPT-02) - Appendix V document request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ann,

I'll check on the availability of these materials and if they can be shared privately or publicly.

Thanks,

Becky Moores
INTERSECT POWER
(e) becky.moores@intersectpower.com

On Wed, Nov 20, 2024 at 12:28 PM Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov> wrote:

> Hi Becky,
>
> Would you be able to provide the following citations from Appendix V Swainson's Hawk Conservation Strategy_Darden Clean Energy (TN 253021)? CEC BIO staff do not have access to these documents.
>
> Estep Environmental Consulting. 2011. The Distribution and Abundance of Nesting Swainson's Hawks in the Vicinity of the Proposed RE Tranquillity LLC Solar Generation Facility
> _____. 2011. The Distribution and Abundance of Nesting Swainson's Hawks in the Vicinity of the Proposed RE Tranquillity LLC Solar Generation Facility
> _____. 2013. Swainson's Hawk and Other Raptor Foraging Use of Solar Array Fields within an Agricultural Landscape in Sacramento County. 27 pp.
> _____. 2016. The Distribution and Abundance of Nesting Swainson's Hawks in the Vicinity of the Proposed RE Scarlet Solar Generation Facility. Prepared for RE Scarlet LLC. September.
> _____. 2021. Swainson's Hawk and Other Raptor Foraging Use of Solar Array Fields within an Agricultural Landscape in Sacramento County. Year 2. 41 pp.
>
> Could you please let us know if you are able to provide this information in a timely manner?
>
> Thanks!
>
> Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Will Lutkewitte [will.lutkewitte@intersectpower.com]
Sent: 11/22/2024 7:09:21 PM
To: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Qian, Wenjun@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4421be8df5f40ec851d73affcbff913-Qian, Wenju]; Record, Jacquelyn@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=80a752975c1d44efbd17fb602595a1e7-Leyva, Jacq]; Ding, Yifan@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=49ee78637b0648578196965a7385b6f2-6d1c78d5-11]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdcb630-Hughes, Jos]; Becky Moores [becky.moores@intersectpower.com]; Evelyn Langsdale [elangsdale@rinconconsultants.com]; beells@rinconconsultants.com; mstewart@rinconconsultants.com; hdubois@rinconconsultants.com; Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]
Subject: CEC | Intersect Power - Darden (23-OPT-02) AQ Data Requests
Location: Microsoft Teams Meeting
Start: 11/25/2024 9:00:00 PM
End: 11/25/2024 9:30:00 PM
Show Time As: Busy
Recurrence: (none)

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Applicant requested meeting - after reviewing the additional data requests we would like to try and get a meeting scheduled soon with your air team so we can describe and confirm the intended approach to our response.

From: Will Lutkewitte <will.lutkewitte@intersectpower.com>
Sent: Friday, November 22, 2024 11:03:34 AM (UTC-08:00) Pacific Time (US & Canada)
To: Will Lutkewitte <will.lutkewitte@intersectpower.com>; Becky Moores <becky.moores@intersectpower.com>; Evelyn Langsdale <elangsdale@rinconconsultants.com>; beells@rinconconsultants.com <beells@rinconconsultants.com>; mstewart@rinconconsultants.com <mstewart@rinconconsultants.com>; hdubois@rinconconsultants.com <hdubois@rinconconsultants.com>; Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Knight, Eric@Energy <Eric.Knight@energy.ca.gov>
Subject: CEC | Intersect Power - Darden (23-OPT-02) AQ Data Requests
When: Monday, November 25, 2024 1:00 PM-1:30 PM.
Where: Microsoft Teams Meeting

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Microsoft Teams Need help?

Join the meeting now

Meeting ID: 221 507 078 067

Passcode: pp2Ph6ug

For organizers: Meeting options

Intersect Power

From: Crisp, Ann@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B89C4DE7ECE742679D19E1E3EE713DC2-CRISP, ANN@]
Sent: 11/26/2024 5:41:48 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Will Lutkewitte [will.lutkewitte@intersectpower.com]; Knight, Eric@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be42548337f44852a291a9845f226f62-Knight, Eri]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdcb630-Hughes, Jos]; Qian, Wenjun@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4421be8df5f40ec851d73affcbff913-Qian, Wenju]; Record, Jacquelyn@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=80a752975c1d44efbd17fb602595a1e7-Leyva, Jacq]; Ding, Yifan@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=49ee78637b0648578196965a7385b6f2-6d1c78d5-11]
Subject: Darden Clean Energy Project (23-OPT-2) - SUP-DR-AQ-3 clarification

Hi Becky,

Thanks for meeting yesterday and providing the meeting notes....just wanted to provide clarification on SUP DR-AQ-3 and let you know that AQ staff spoke with Zeferino yesterday, an engineer at the San Joaquin Valley Air Pollution Control District (SJVAPCD), regarding your project. He confirmed the following:

- **Permit Conditions:** The proposed engines - which are rated at 262 bhp and using LPG - would have standard permit conditions associated with engines of this size and fuel type. Zeferino mentioned these conditions are fairly boilerplate. If you submit your permit application to him, he can provide these conditions to the CEC within the next week or two.

- **BACT Analysis Thresholds:** As long as the engines do not emit over 2 lbs/day of any criteria pollutant (except CO), a full Best Available Control Technology (BACT) analysis would not be required. Based on the information you provided to the air district your engines do not exceed this threshold.

Zeferino also noted that he has not yet heard from you regarding the project change. Currently, his analysis includes six engines, with only two of the 262 bhp engines accounted for, not three. It would be helpful to confirm the updated project details with SJVAPCD directly to ensure the most accurate permit conditions are applied.

To clarify, in response to SUP DR-AQ-3, we need to receive the information that would have been provided to the air district, but for CEC's in lieu authority. We also want confirmation that the applicant sends that same information to the air district. For the purposes of the CEC's jurisdiction and in lieu authority as set forth in Public Resources Code section 25545.1(b)(1), any state or local air quality permit that would have been issued by the SJVAPCD would instead be incorporated into the CEC's certification for this project.

Please let me know once you've submitted your application to SJVAPCD or if you have any questions about this process.

Thanks!

Ann

Ann Crisp

Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov



From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 11/27/2024 4:12:01 PM
To: Evelyn Langsdale [elangsdale@rinconconsultants.com]; Record, Jacquelyn@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=80a752975c1d44efbd17fb602595a1e7-Leyva, Jacq]; Ding, Yifan@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=49ee78637b0648578196965a7385b6f2-6d1c78d5-11]; Hughes, Joseph@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7dd5e80572b644209e9607ba7bdcb630-Hughes, Jos]; Qian, Wenjun@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e4421be8df5f40ec851d73affcbff913-Qian, Wenju]
CC: Becky Moores [becky.moores@intersectpower.com]; Will Lutkewitte [will.lutkewitte@intersectpower.com]; Michael Stewart [mstewart@rinconconsultants.com]; Heather Dubois [hdubois@rinconconsultants.com]; Brenda Eells [beells@rinconconsultants.com]
Subject: Re: 23-OPT-02 Darden Clean Energy Project - Air Quality Meeting Summary

Hi Becky,

The notes look accurate to the AQ team. Please let us know when you have submitted the permit application to SJVAPCD so we can coordinate with the air district to get the permit conditions to add to our conditions.

Thanks,

Ann

Ann Crisp
Senior Environmental Planner
Siting and Environmental Branch
Siting, Transmission and Environmental Protection Division
1-916-352-0543

California Energy Commission
Website: www.energy.ca.gov

From: Evelyn Langsdale <elangsdale@rinconconsultants.com>
Sent: Monday, November 25, 2024 5:39 PM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>; Record, Jacquelyn@Energy <Jacquelyn.Record@energy.ca.gov>; Ding, Yifan@Energy <Yifan.Ding@Energy.ca.gov>; Hughes, Joseph@Energy <Joseph.Hughes@energy.ca.gov>; Qian, Wenjun@Energy <Wenjun.Qian@energy.ca.gov>
Cc: Becky Moores <becky.moores@intersectpower.com>; Will Lutkewitte <will.lutkewitte@intersectpower.com>; Michael Stewart <mstewart@rinconconsultants.com>; Heather Dubois <hdubois@rinconconsultants.com>; Brenda Eells <beells@rinconconsultants.com>
Subject: 23-OPT-02 Darden Clean Energy Project - Air Quality Meeting Summary

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Good evening,

Thank you all for the productive call today. Please find below a summary of our notes from this afternoon's meeting regarding the AQ/GHG supplemental data requests.

- CEC noted that it has been difficult to break out the daily operational emissions from the existing files. Rincon confirmed they can break out the daily operational emissions and provide to CEC.
- CEC asked about the locations of the LPG generators. Intersect confirmed that up to 3 LPG generators will be at either the Option 1 or Option 2 project substation location. Precise locations within the substation footprint will be determined as design evolves; however, it can be assumed the LPG generators at the Option 1 and Option 2 locations will be in the same approximate locations as previously analyzed.
- CEC stated they need permit conditions from SJVAPCD to complete their analysis. Intersect clarified that SJVAPCD will not be issuing a permit and suggested a follow up call with CEC, Intersect, and SJVAPCD to discuss further, if needed. Rincon will reach out to SJVAPCD to confirm what kind (if any) permit is needed from SJVAPCD now that the diesel generators have been removed.
- CEC indicated that if Rincon can show original modeling was conservative (e.g., emissions comparison), then redoing air dispersion modeling can be avoided.
- CEC confirmed they are amenable to a qualitative approach to avoid full CalEEMod remodeling. Rincon noted they will have limited updates to the tables identified in SUP DR AQ-4 given this approach. Rincon will present stationary source emission reductions, and construction and other operational emissions from the removal of the green hydrogen facility will generally be treated qualitatively.
- CEC requested the data request responses state and re-confirm the assumptions that were made during modeling (e.g., conservative locations chosen for generators).

Best,
Evelyn

Evelyn Langsdale, Senior Environmental Planner
(She/Her/Hers)

925-231-5696 Direct
elangsdale@rinconconsultants.com

-



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From: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Sent: 11/25/2024 4:00:21 PM
To: Grefsrud, Marcia@Wildlife [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=76704dafcdd74abd91fec354bda4c0ee-WildlifeMar]
Subject: Re: SWHA - Estep citations

Hi Marcia,

Thanks so much, I thought I responded that week...I asked the applicant for Darden and it is a pending request...do you have contact with him? If so that would be super helpful but I know we are all busy ☺

Talk soon,

Ann

From: Grefsrud, Marcia@Wildlife <Marcia.Grefsrud@wildlife.ca.gov>
Sent: Wednesday, November 20, 2024 8:24 AM
To: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Subject: RE: SWHA - Estep citations

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Hi Ann,
I don't have any of those papers. All my Estep papers are related to wind. I can contact him and ask him for them though.
Marcia

From: Crisp, Ann@Energy <Ann.Crisp@energy.ca.gov>
Sent: Wednesday, November 20, 2024 7:42 AM
To: Grefsrud, Marcia@Wildlife <Marcia.Grefsrud@wildlife.ca.gov>
Subject: SWHA - Estep citations

WARNING: This message is from an external source. Verify the sender and exercise caution when clicking links or opening attachments.

Hi Marcia,

One of our biologists is working on another opt-in - in Fresno Co, they are looking for the following citations from Estep. Since we discussed his work yesterday I thought you may know?

Do you have easy access to these? Otherwise, I will check with the applicant.

Thanks!

Ann

Estep Environmental Consulting. 2011. The Distribution and Abundance of Nesting Swainson's Hawks in the Vicinity of the Proposed RE Tranquillity LLC Solar Generation Facility
_____. 2011. The Distribution and Abundance of Nesting Swainson's Hawks in the Vicinity of the Proposed RE Tranquillity LLC Solar Generation Facility

_____. 2013. Swainson's Hawk and Other Raptor Foraging Use of Solar Array Fields within an Agricultural Landscape in Sacramento County. 27 pp.
_____. 2016. The Distribution and Abundance of Nesting Swainson's Hawks in the Vicinity of the Proposed RE Scarlet Solar Generation Facility. Prepared for RE Scarlet LLC. September.
_____. 2021. Swainson's Hawk and Other Raptor Foraging Use of Solar Array Fields within an Agricultural Landscape in Sacramento County. Year 2. 41 pp.

From: Hughes, Joseph@Energy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7DD5E80572B644209E9607BA7BDCB630-HUGHES, JOS]
Sent: 11/25/2024 10:32:46 PM
To: Becky Moores [becky.moores@intersectpower.com]
CC: Crisp, Ann@Energy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b89c4de7ece742679d19e1e3ee713dc2-Crisp, Ann@]
Subject: Darden - AQ Data Requests - Questions/concerns

Hi Becky,

I heard there may have been some questions or concerns around the SJVAPCD's involvement for providing us with the information we need to include in our DEIR/certification. Feel free to call me at 916-980-7951 so we can discuss.

Thanks,
Joey

Joseph Hughes, P.E.
Branch Manager
Engineering Branch
Siting, Transmission and Environmental Protection Division
1-916-980-7951

California Energy Commission
Website: www.energy.ca.gov

RINCON CONSULTANTS, INC. SINCE 1994

Rincon Consultants, Inc.
7080 North Whitney Avenue, Suite 101
Fresno, California 93720
559-228-9925

April 5, 2024
Rincon Project No. 22-12530

Errol Villegas
Permit Services
San Joaquin Valley Air Pollution Control District
1990 East Gettysburg Avenue
Fresno, California 93726
Via email: errol.villegas@valleyair.org

Subject: Preliminary Draft Air Permit Application for Emergency Backup Equipment for the Darden Clean Energy Project Located in Fresno County, California

Dear Mr. Villegas:

Rincon Consultants, Inc. (Rincon) is pleased to provide the San Joaquin Valley Air Pollution Control District (SJVAPCD), on behalf of IP Darden I, LLC and Affiliates (Applicant), the attached preliminary draft air permit application (preliminary permit application) for the Darden Clean Energy Project (Project). The Project is undergoing review by the California Energy Commission (CEC) under the Assembly Bill (AB) 205 Opt-In Application process and this preliminary permit application is being submitted to SJVAPCD as part of that process and in coordination with CEC. Rincon, the Applicant, the CEC and SJVAPCD have met to discuss the approach to this preliminary permit application and we understand that SJVAPCD will review and, if appropriate, provide a concurrence determination to CEC stating that sufficient information has been provided herein to prepare an engineering evaluation in support of application completeness review during the CEQA process so that necessary conditions of approval can be included in CEC's certification. Due to the size of the Project and the stage of the design, there are three (3) options for stationary source locations. Additional information and figures are provided in the attached permit application package. As a result of discussions with the Applicant, CEC, and SJVAPCD, it was agreed that this permit application would be noted as preliminary, subject to change as Project design progresses, and intended to address potentially "worst case" impacts related to emissions and air dispersion.

The Project would include the construction, operation and eventual repower or decommission of a facility located across approximately 9,500 acres in western Fresno County in California, in an air basin under the jurisdiction of the SJVAPCD. The Project would operate 7 days a week, 365 days a year, with an approximate 35-year anticipated lifespan. The primary Project components are:

- 1,150-megawatt (MW) solar photovoltaic (PV) facility (solar facility)
- Up to 4,600 MW-hour battery energy storage system (BESS)
- Up to 800 MW green hydrogen facility
- 34.5-500 kilovolt (kV) grid step-up substation (step-up substation)
- 10- to 15-mile 500 kV generation intertie (gen-tie) line
- Pacific Gas and Electric Company (PG&E)-owned 500 kV utility switchyard along the Los Banos-Midway #2 500 kV transmission line

There are emission sources associated with the operation of the Project that are designed for emergency use. Information related to this emergency equipment is provided below:

- There would be two (2) Power Solutions Int'l (PSI) 8800CAC Emergency Generator Sets, Liquid Petroleum Gas (LPG)-fired, 150-ekW rated. One would be located at either Step-Up Substation Option 1 or 2. The other would be located at the Step-Down Substation, if the Alternate Green Hydrogen site is selected.
- There would be two (2) CAT C18 Fire Pump Engine, diesel-fired, 447-eKW rated. The equipment would be located at one of the three options for the green hydrogen facilities (Option 1, Option 2, or the Alternate Green Hydrogen Site). This equipment is assumed to meet Tier 3 emissions standards.
- There would be two (2) CAT C18 Emergency Generator Set, diesel-fired, 600-eKW rated. The equipment would also be located at one of the three options for the green hydrogen facilities (Option 1, Option 2, or the Alternate Green Hydrogen Site). This equipment is assumed to meet Tier 4 emissions standards.

The attached preliminary permit application package includes the following items for review by the SJVAPCD:

- Introduction and Project Description
- Regulatory Review
- Emissions Analysis
- Air Dispersion Analysis for the Ambient Air Quality Impact Assessment (supporting files to be submitted separately and electronically)
- Health Risk Assessment (HRA)
- Appendix A SJVAPCD Air Permit Application Forms
- Appendix B Emissions Calculations
- Appendix C Ambient Air Quality Analysis Summary
- Appendix D HRA Summary
- Appendix E Manufacturer Specifications and Additional Reference Documents
- Appendix F HRA and Ambient Air Quality Standards Modeling Supplementary Files

We appreciate the SJVAPCD's time reviewing these materials. Please do not hesitate to contact with any questions regarding this preliminary permit application.

Sincerely,
Rincon Consultants, Inc.

Michael Stewart, P.E.
Senior Air Quality Specialist

Lindsey Sarquilla, MESM
Director, Environmental Planning



Darden Clean Energy Project

Draft Preliminary Air Permit Application Package

submitted on behalf of

IP Darden I, LLC and Affiliates
c/o Intersect Power, LLC
9450 SW Gemini Drive, PMB #68743
Beaverton, Oregon 97008

prepared by

Rincon Consultants, Inc.
7080 North Whitney Avenue, Suite 101
Fresno, California 93720

April 2024

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1 Project Description

IP Darden I, LLC and Affiliates (Applicant), wholly owned subsidiaries of Intersect Power, LLC, proposes to construct, operate, and eventually repower or decommission the Darden Clean Energy Project (Project) on approximately 9,500 acres in western Fresno County (Figure 1). The Project would operate 7 days a week, 365 days a year, with an approximate 35-year[1] anticipated lifespan. The primary Project components are:

- 1,150-megawatt (MW) solar photovoltaic (PV) facility (solar facility)
- Up to 4,600 MW-hour battery energy storage system (BESS)
- Up to 800 MW green hydrogen facility
- 34.5-500 kilovolt (kV) grid step-up substation (step-up substation)
- 10- to 15-mile 500 kV generation intertie (gen-tie) line
- Pacific Gas and Electric Company (PG&E)-owned 500 kV utility switchyard along the Los Banos-Midway #2 500 kV transmission line

The Project site and related facilities were selected taking into consideration the Project objectives, engineering constraints, site geology, environmental impacts, water, waste and fuel constraints, and electric transmission constraints, among other factors.

Figure 1 shows the Project site plan and location of the solar facility, BESS, and green hydrogen facility, as well as the step-up substation, gen-tie line, and utility switchyard. The gen-tie line would extend from the solar facility west to the proposed utility switchyard along PG&E's Los Banos-Midway #2 500 kV transmission line. As shown on Figure 1, two locations (Option 1 and 2 sites) are being considered for the BESS, green hydrogen facility, and step-up substation. In addition, an alternate site is being considered for the green hydrogen facility, located west of Interstate 5 and adjacent to the proposed utility switchyard site (Option 3). If the alternate site is selected, it would include the construction of an additional substation and switchyard.

There are emission sources associated with the operation of the Project designed for emergency use. Design details and specifications for this equipment have not been finalized; however, information related to typical equipment that is likely to be used is provided below:

- There would be two (2) Power Solutions Int'l (PSI) 8800CAC Emergency Generator Sets, Liquid Petroleum Gas (LPG)-fired, 150-ekW rated. One would be located at either Step-Up Substation Option 1 or 2. The other would be located at the Step-Down Substation, if the Alternate Green Hydrogen site is selected.
- There would be two (2) CAT C18 Fire Pump Engine, diesel-fired, 447-eKW rated. The equipment would be located at one of the three options for the green hydrogen facilities (Option 1, Option 2, or the Alternate Green Hydrogen Site). This equipment is assumed to meet Tier 3 emissions standards.
- There would be two (2) CAT C18 Emergency Generator Set, diesel-fired, 600-eKW rated. The equipment would also be located at one of the three options for the green hydrogen facilities (Option 1, Option 2, or the Alternate Green Hydrogen Site). This equipment is assumed to meet Tier 4 emissions standards.

[1] After 35 years, the Project would be repowered or decommissioned.

Table 1, below, summarizes the equipment, including the engine number associated with the Project options discussed above. The equipment was selected as representative of future operating conditions. As discussed with the San Joaquin Valley Air Pollution Control District (SJVAPCD), this is potentially subject to change; however, the summary and technical analysis herein is presented to be conservative and a "worst-case scenario" of Project operations. Engine numbers 1A and 1B correspond to the engine located at Step-Up Substation Option 1 or 2, and engine number 2 corresponds to the engine located at the Step-Down Substation at the Alternate Green Hydrogen site. Engine numbers 3A-C and 4A-C correspond to the emergency diesel engines located at Options 1-3, respectively. This nomenclature is further outlined in Table 1 and Table 3.

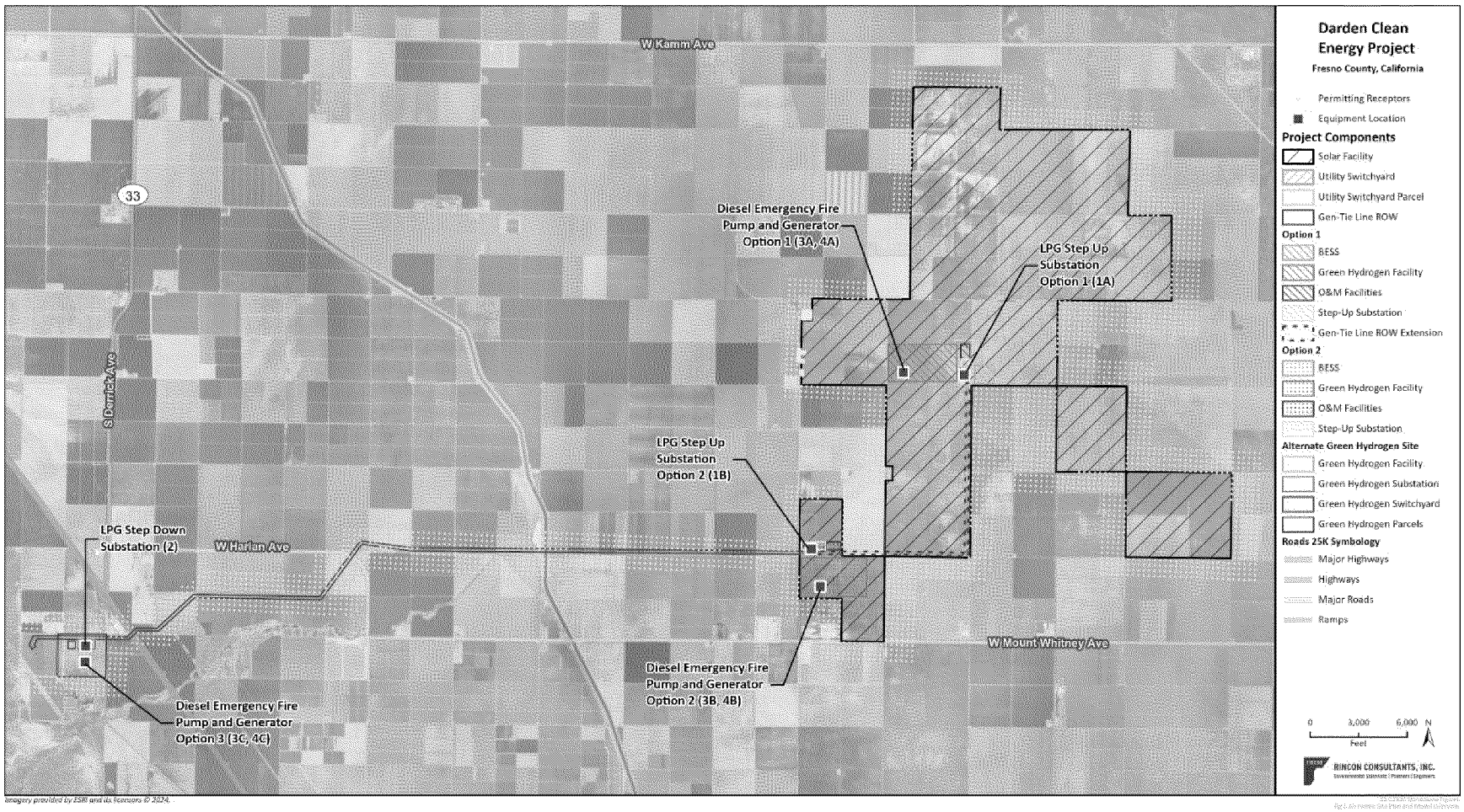
Table 1 Equipment Summary

Engine No.	Make / Model	Location	# of Units	Size (ekW)	Size (bhp)	Fuel
1A	Power Solutions Int'l (PSI) 8800CAC (LPG) Emergency Generator Set	Step Up Substation Option 1	1	150	262	LPG
1B		Step Up Substation Option 2	1	150	262	
2		Step Down Substation	1	150	262	
3A	CAT C18 Fire Pump Engine	Option 1	2	400	536	Diesel
3B		Option 2	2	400	536	
3C		Option 3	2	400	536	
4A	CAT C18 Diesel Emergency Generator Set	Option 1	2	600	805	Diesel
4B		Option 2	2	600	805	
4C		Option 3	2	600	805	

Notes:

ekW = electrical kilowatts; bhp = brake horsepower; LPG = liquified petroleum gas

Figure 1 Emergency Backup Generator Modeling Locations



2 Regulatory Review

The Project equipment is located in Fresno County, California, which is subject to air quality-related rules and regulations promulgated by the United States Environmental Protection Agency (US EPA), the California Air Resources Board (CARB), and the SJVAPCD. This section briefly summarizes applicable rules and regulations, as well as provides an overview of the ambient air quality standards (AAQS), which serve as thresholds for this permit application.

2.1 Federal Regulations

The Project equipment is assumed to meet the federal US EPA requirements, including Standards of Performance for Stationary Compression Ignition Internal Combustion Engines in 40 CFR 60, Subpart IIII, and the National Emission Standards for Hazardous Air Pollutants.

2.2 CARB Regulations

The Project equipment is assumed to meet the state CARB requirements, including the off-road compression ignition engine standards and any other relevant airborne toxic control measures (ATCM).

2.3 SJVAPCD Regulations

The Project equipment would comply with the following applicable SJVAPCD rules and regulations.

Rule 2201 New and Modified Stationary Source Review

This rule applies to all new stationary sources and all modifications to existing stationary sources which are subject to SJVAPCD permit requirements in Regulation II and after construction emit or may emit one or more affected pollutants. Emissions are quantified and control technologies and offset requirements are reviewed as part of this process.

Best Available Control Technology (BACT) Requirements

Unless otherwise exempt, any new emissions unit with a potential to emit (PTE) exceeding 2.0 pounds in any day is subject to BACT requirements. As demonstrated below, the LPG-fired emergency generator sets would emit less than 2.0 pounds per day of any criteria air pollutants; however, it is nonetheless assumed to be equipped with a selective catalytic reduction (SCR) control technology system. Based on the SJVAPCD BACT Clearinghouse, the fire pump engine would meet Tier 3 emission standards as BACT, and the emergency backup generator would meet Tier 4 emission standards as BACT (SJVAPCD 2024c).

Offset Applicability

Per SVJAPCD Rule 2201, Section 4.6.2, the emergency equipment would be exempt from offset requirements.

Other SJVAPCD Rules

The Project would comply with any other applicable SJVAPCD rules, including:

- Rule 4001 – New Source Performance Standards
- Rule 4002 – National Emissions Standards for Hazardous Air Pollutants
- Rule 4101 – Visible Emissions
- Rule 4102 – Nuisance
- Rule 4701 – Internal Combustion Engines – Phase 1

2.4 Ambient Air Quality Standards

Regulation of air pollution is achieved through both national and state AAQS and emission limits for individual sources of air pollutants. As required by the federal Clean Air Act (CAA), the US EPA has identified criteria pollutants and has established National Ambient Air Quality Standards (NAAQS) to protect public health and welfare. NAAQS have been established for ozone, carbon monoxide (CO), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), particulate matter with a diameter of 10 microns or less (PM_{10}), and particulate matter with a diameter of 2.5 microns or less ($PM_{2.5}$), and lead. California has adopted more stringent AAQS for most of the criteria air pollutants. Table 2 presents both sets of AAQS (i.e., national and state) and the Air Basin's attainment status for each standard. California also has established state AAQS for sulfates, hydrogen sulfide, and vinyl chloride.

The local background ambient concentrations of PM_{10} and $PM_{2.5}$ exceed the AAQS; therefore, an alternative threshold is required to demonstrate impacts are less than significant. The SJVAPCD has Significant Impact Levels (SILs) for criteria air pollutants that are applicable for Project impacts only (SJVAPCD 2019). These were applied for PM_{10} and $PM_{2.5}$ exhaust because stationary sources would be negligible sources of fugitive PM emissions. The PM_{10} SILs for annual and 24-hour impacts are 1 and 5 micrograms per meter cubed ($\mu g/m^3$), respectively. The $PM_{2.5}$ SILs for annual and 24-hour impacts are 0.2 and 1.2 $\mu g/m^3$, respectively.

Table 2 Ambient Air Quality Standards and Air Basin Attainment Status

		State Standard		National Standard	
Pollutant	Averaging Time	Concentration	Attainment Status	Concentration	Attainment Status
Ozone	8-Hour 1-Hour	0.070 ppm 0.090 ppm	Nonattainment/ Severe Nonattainment	0.075 ppm –	Nonattainment/ Extreme[1]
Carbon Monoxide	1-Hour 8-Hour	9.0 ppm (10 mg/m^3) 20 ppm (23 mg/m^3)	Attainment/ Unclassified	9.0 ppm (10 mg/m^3) 35 ppm (40 mg/m^3)	Attainment/ Unclassified
Nitrogen Dioxide	1-Hour Annual	0.18 ppm (339 $\mu g/m^3$) 0.030 ppm (57 $\mu g/m^3$)	Attainment	0.100 ppm (188 $\mu g/m^3$) 0.053 ppm (100 $\mu g/m^3$)	Attainment/ Unclassified
Sulfur Dioxide	1-Hour 3-Hour[2] 24-Hour Annual	0.25 ppm (655 $\mu g/m^3$) – 0.04 ppm (105 $\mu g/m^3$) –	Attainment	0.075 ppm (196 $\mu g/m^3$) 0.5 ppm (1300 $\mu g/m^3$) 0.14 ppm 0.03 ppm	Attainment/ Unclassified

Pollutant	Averaging Time	State Standard		National Standard	
		Concentration	Attainment Status	Concentration	Attainment Status
Respirable Particulate Matter (PM_{10})	24-Hour Annual	50 µg/m³ 20 µg/m³	Nonattainment	150 µg/m³ –	Attainment
Fine Particulate Matter ($PM_{2.5}$)	24-Hour Annual[3]	– 12 µg/m³	Nonattainment	35 µg/m³ 12 µg/m³	Nonattainment
Lead	30-Day Quarterly	1.5 µg/m³ –	Attainment	– 1.5 µg/m³	No Designation/ Classification

ppm = parts per million

ppb = parts per billion

µg/m³ = micrograms per cubic meter

[1] EPA approved reclassification to extreme nonattainment for the 8-hour ozone standard in 2010. There is no federal standard for 1-hour ozone effective June 15, 2005. (Source: SJVAPCD 2020)

[2] The 3-hour SO_2 NAAQS is a secondary standard and not analyzed in this study. The 24-hour and annual NAAQS also do not apply to this area.

[3] The $PM_{2.5}$ 24-hour standard was revised on February 7, 2024. It goes into effect 60 days from this date. (Source: SJVAPCD 2024a)

2.5 Toxic Air Contaminants

The primary toxic air contaminant (TAC) associated with the emergency backup equipment is diesel particulate matter (DPM). DPM is emitted from the combustion of diesel fuels and is typically quantified as PM_{10}. Emissions of PM_{10} are provided below. Health risk assessments (HRA) are performed using air dispersion modeling and guidance from the Office of Environmental Health Hazard Assessment (OEHHA) when TACs are emitted that may potentially impact sensitive receptors. The Project site is remote, the equipment equipped with emissions controls, and the operation of emergency backup equipment is intermittent such that sensitive receptors are not expected to be impacted. However, an HRA was conducted to confirm a less than significant impact at sensitive receptors, including residences and worker receptors. The HRA was conducted in accordance with SJVAPCD APR 1906, Framework for Performing Health Risk Assessments.

3 Project Emissions

There are emission sources associated with the operation of the Project designed for emergency use. Design specifications for this equipment have not been finalized; however, the manufacturer data associated with the following typical equipment that is likely to be used is provided in Appendix E.

- There would be two (2) Power Solutions Int'l (PSI) 8800CAC Emergency Generator Sets, Liquid Petroleum Gas (LPG)-fired, 150-ekW rated. Emission rates are provided in manufacturer's specifications and the equipment is planned to be equipped with a SCR.
- There would be two (2) CAT C18 Fire Pump Engine, diesel-fired, 447-eKW rated. This equipment is assumed to meet Tier 3 emissions standards.
- There would be two (2) CAT C18 Emergency Generator Set, diesel-fired, 600-eKW rated. This equipment is assumed to meet Tier 4 emissions standards.

Table 3 shows the emission factors assumed for the Project equipment, which are based on manufacturer specifications and US EPA Tier standards. Both controlled and uncontrolled emission rates are presented in Table 3. Each piece of equipment is modeled assuming it would operate up to approximately 100 hours per year for both testing and maintenance (T&M); this assumption results in a conservative, worst-case emissions estimate because the Applicant anticipates testing each piece of equipment only 1-hour per month. The units are assumed to be tested one-at-a-time for T&M purposes (i.e., only one unit is expected to be operated in any given hour for this purpose). This assumption applies to hourly emission rates and the air dispersion modeling studies. For the purposes of the hourly emissions calculations, it was assumed that equipment with SCRs would be operating uncontrolled for 15 minutes (or ¼ of an hour) and would be controlled for the remainder of the hour. However, the SCR specification sheets for the LPG-fired emergency generators sets do not have uncontrolled emissions data and the post catalytic emissions data is presented as an upper boundary, which was used for emissions calculations and considered representative. Diesel particulate filters were assumed to function automatically and would not have a period of uncontrolled emissions. It was assumed that 12 hours of startup/uncontrolled operations would occur per year and the remaining 88 hours would be controlled for the annual emissions calculations. Table 4 presents the hourly emission calculations and Table 5 presents the annual emission calculations.

Table 3 Emission Factors

Engine No.	Emission Factors Source	NO_X Emission Factor (g/bhp-hr)		VOC Emission Factor (g/bhp-hr)		CO Emission Factor (g/bhp-hr)		SO_x Emission Factor (g/bhp-hr)		PM Emission Factor (g/bhp-hr)	
		Uncontrolled	Controlled	Uncontrolled	Controlled	Uncontrolled	Controlled	Uncontrolled	Controlled	Uncontrolled	Controlled
1A, 1B, 2	Manufacturer Specification Sheets	n/a	1	n/a	0.7	n/a	2	n/a	n/a	n/a	n/a
3A, 3B, 3C	US EPA Tier 3	2.85	2.85	0.15	0.15	2.6	2.6	2.05E-03	2.05E-03	0.15	0.15
4A, 4B, 4C	US EPA Tier 2 / Tier 4	4.56	0.5	0.24	0.14	2.6	2.6	2.05E-03	2.05E-03	0.15	0.022

NO_X = oxides of nitrogen; VOC = volatile organic compounds; CO = carbon monoxide; SO_X =sulfur oxides; PM = particulate matter; g/bhp-hr = grams per brake horsepower-hour

Source: Table A of Appendix A of SCAQMD's Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds, for Electric Generation, PM_{10} is 96% of Total PM and $PM_{2.5}$ is 93.7% of Total PM. For the Fire Pump Engines, PM_{10} is 97.6% of Total PM and $PM_{2.5}$ is 96.7% of Total PM (SCAQMD 2006). SO_x Factors from AP-42 Table 3.3-1

Table 4 Hourly Emission Calculations

Engine No.	Emission Factors Source	Max Daily Hours	Max Annual Hours	NO_X lb/hr	VOC lb/hr	CO lb/hr	SO_X lb/hr	PM lb/hr
1A	Manufacturer Specification Sheets	1	100	0.578	0.404	1.155	0	0
1B	Manufacturer Specification Sheets	1	100	0.578	0.404	1.155	0	0
2	Manufacturer Specification Sheets	1	100	0.578	0.404	1.155	0	0
3A	US EPA Tier 3	1	100	6.741	0.355	6.149	0.005	0.355
3B	US EPA Tier 3	1	100	6.741	0.355	6.149	0.005	0.355
3C	US EPA Tier 3	1	100	6.741	0.355	6.149	0.005	0.355
4A	US EPA Tier 2 / Tier 4	1	100	5.375	0.585	9.224	2.311	0.078
4B	US EPA Tier 2 / Tier 4	1	100	5.375	0.585	9.224	2.311	0.078
4C	US EPA Tier 2 / Tier 4	1	100	5.375	0.585	9.224	2.311	0.078

Table 5 Annual Emission Calculations

Engine No.	Emission Factors Source	Max Daily Hours	Max Annual Hours	NO_X lb/yr	VOC lb/yr	CO lb/yr	SO_X lb/yr	PM lb/yr
1A	Spec sheets	1	100	57.8	40.4	115.5	0	0
1B	Spec sheets	1	100	57.8	40.4	115.5	0	0
2	Spec sheets	1	100	57.8	40.4	115.5	0	0
3A	US EPA Tier 3	1	100	674.1	35.5	614.9	0.5	35.5
3B	US EPA Tier 3	1	100	674.1	35.5	614.9	0.5	35.5
3C	US EPA Tier 3	1	100	674.1	35.5	614.9	0.5	35.5
4A	US EPA Tier 2 / Tier 4	1	100	207.0	35.9	627.2	56.2	7.8
4B	US EPA Tier 2 / Tier 4	1	100	207.0	35.9	627.2	56.2	7.8
4C	US EPA Tier 2 / Tier 4	1	100	207.0	35.9	627.2	56.2	7.8
Total Emissions Per Project Option:				**996.6**	**152.2**	**1473.2**	**56.7**	**43.3**

4 Air Dispersion Modeling Analysis

An air dispersion modeling analysis was performed to compare Project impacts to the corresponding SILs, the California Ambient Air Quality Standards (CAAQS) and the NAAQS and to perform a health risk assessment. Air dispersion modeling was conducted using the US EPA approved model, the AMS/EPA Regulatory Model (AERMOD), Version 21112 consistent with the SJVAPCD *Guidance for Air Dispersion Modeling* document (SJVAPCD 2022).

Meteorological data from the Mendota station for years 2007 through 2011 were used in AERMOD. The Project site is rural and that assumption was included in the modeling. A wide-ranging receptor grid was dispersed throughout the Project site, including fenceline receptors to capture hourly impacts. Please refer to Figure 1 for a depiction of the receptor grid. The equipment were modeled as point sources with stack parameters provided by the SJVAPCD. Although the sources were modeled as point sources, building downwash effects were not included. This is because Project designs are still preliminary, and locations of the emission sources and any potential structures are still unknown. The AERMOD point sources stack parameter assumptions, as provided by the SJVAPCD, are summarized below in Table 6.

Table 6 AERMOD Point Source Stack Parameters Summary

Engine No.	SJVAPCD Source ID	UTM X	UTM Y	Release Height (m)	Stack Diameter (m)	Temp (K)	Gas Velocity (m/s)	Gas Flow Rate (cfm)
1A	275_DE	749650	4040200	2.43	0.12	795.31	50.25	1204.2
1B	275_DE	746900	4036800	2.43	0.12	795.31	50.25	1204.2
2	275_DE	733300	4034400	2.43	0.12	795.31	50.25	1204.2
3A	600_DE	748500	4040200	3.71	0.16	793.56	92.45	3938.6
3B	600_DE	747100	4036100	3.71	0.16	793.56	92.45	3938.6
3C	600_DE	733300	4034100	3.71	0.16	793.56	92.45	3938.6
4A	825_DE	748500	4040200	6.07	0.19	784.00	87.68	5267.5
4B	825_DE	747100	4036100	6.07	0.19	784.00	87.68	5267.5
4C	825_DE	733300	4034100	6.07	0.19	784.00	87.68	5267.5

m = meters; m/s = meters per second; cfm = cubic feet per minute
SJVAPCD stack parameters provided via email on 2/15/2024.
UTM = Universal Transvers Mercator Coordinate; coordinate locations are based on assumed equipment locations.

4.1 Ambient Air Quality Analysis

The hourly emission rate for NO_X was incorporated into AERMOD to function with the Tier 2 ARM2 NO_X to NO_2 conversion option. The model assumed the default ARM2 options. The hourly NO_X emission rate was also applied to the annual analysis, which is very conservative. A separate model run was used with a unitized 1 gram per second (g/s) emission rate to obtain unitized ground-level concentrations for each design value for each of the criteria air pollutants. The unitized concentration outputs, the X/Q in units of $\mu g/m^3/g/s$, are provided in Appendix C. Actual ground level concentrations of the criteria air pollutants (besides NO_2), in $\mu g/m^3$, can be calculated by multiplying the X/Q by the corresponding pollutant emission rate, in g/s.

Modeled impacts are presented in the tables below. The results are combined with background concentration data obtained from nearby monitors, averaged over the most recently available three years. NO_2 and CO background data were provided by the Fresno-Foundary monitor and SO_2 background data were provided by the Fresno-Garland Station monitor.

Unless otherwise noted, the following assumptions were incorporated into the results processing:

- For the 1-hour analyses, it is assumed that only one emissions unit was operating at a time.
- For the longer-term analyses, it was assumed that each of the emissions units from each Project option would operate simultaneously.

The NO_2 AERMOD results are presented in Table 7. As shown therein, modeled concentrations would not result in an exceedance of the NAAQS and the CAAQS.

Table 7 NO_2 AERMOD Results

		NAAQS		CAAQS	
Engine No.	Model Source Group	Annual (ug/m3)	1-Hr (ug/m3)	Annual (ug/m3)	1-Hr (ug/m3)
1A	1A_LPG	1.2	7.2	1.2	7.4
1B	1B_LPG	0.2	10.0	0.2	10.3
2	2_LPG	0.6	9.0	0.6	9.9
3A	3A_FIRE	0.9	22.2	0.9	27.5
3B	3B_FIRE	7.9	49.7	7.9	54.7
3C	3C_FIRE	5.7	42.4	5.7	47.5
4A	4A_EMER	0.7	13.9	0.7	18.5
4B	4B_EMER	5.2	32.4	5.2	35.1
4C	4C_EMER	3.7	27.6	3.7	27.9
Background Concentration (ug/m3):		34.8	123.4	34.8	123.4
Maximum Impacts (ug/m3):		42.8	173.0	42.8	178.0
Standard (ug/m3):		100	188	57	339
Exceed?		No	No	No	No

The CO AERMOD results are presented in Table 8. As shown therein, modeled concentrations would not result in an exceedance of the NAAQS and the CAAQS.

Table 8 CO AERMOD Results

		NAAQS		CAAQS	
Engine No.	Model Source Group	1-Hr (µg/m³)	8-Hr (µg/m³)	1-Hr (µg/m³)	8-Hr (µg/m³)
1A	1A_LPG	16.0	12.1	16.4	12.6
1B	1B_LPG	22.6	17.8	22.9	19.1
2	2_LPG	21.7	14.4	21.9	17.3
3A	3A_FIRE	27.8	12.2	27.8	13.1
3B	3B_FIRE	54.4	38.1	55.4	38.9
3C	3C_FIRE	43.1	28.2	48.1	31.4
4A	4A_EMER	30.6	13.0	35.3	13.3
4B	4B_EMER	65.2	45.6	67.0	48.5
4C	4C_EMER	53.2	35.9	53.2	35.9
Background Concentration (µg/m³):		3,987	3,987	2,864	3,987
Maximum Impacts (µg/m³):		4,029	4087	3052	4054
Standard (µg/m³):		40,000	10,000	23,000	10,000
Exceed?		No	No	No	No

Note: Max impacts for 8-Hour calculations conservatively based on combining all equipment potentially operating in a single day (including duplicates for the Project options).

The SO_2 AERMOD results are presented in Table 9. As shown therein, modeled concentrations would not result in an exceedance of the NAAQS and the CAAQS.

Table 9 SO_2 AERMOD Results

		NAAQS	CAAQS	
Engine No.	Model Source Group	1-Hr (µg/m³)	1-Hr (µg/m³)	24-Hr (µg/m³)
1A	1A_LPG	0	0	0
1B	1B_LPG	0	0	0
2	2_LPG	0	0	0
3A	3A_FIRE	0.02	0.02	0.00
3B	3B_FIRE	0.04	0.04	0.02
3C	3C_FIRE	0.03	0.04	0.01
4A	4A_EMER	7.3	8.8	1.3
4B	4B_EMER	16.0	16.8	7.4
4C	4C_EMER	13.3	13.3	5.4
Background Concentration (µg/m³):		42	42	42
Maximum Impacts (µg/m³):		53	58	59
Standard (µg/m³):		196	655	105
Exceed?		No	No	No

The PM_{10} AERMOD results are presented in Table 10. Modeled concentrations were compared to the SJVAPCD SILs because the regional background PM_{10} is above the NAAQS. Therefore, a comparison to the SIL was used for significance determination purposes. As shown in Table 10, modeled concentrations would not exceed the SILs.

Table 10 PM_{10} AERMOD Results

		NAAQS	CAAQS	
Engine No.	Model Source Group	24-Hr (µg/m³)	Annual (µg/m³)	24-Hr (µg/m³)
1A	1A_LPG	0	0	0
1B	1B_LPG	0	0	0
2	2_LPG	0	0	0
3A	3A_FIRE	0.20	0.0006	0.28
3B	3B_FIRE	1.32	0.0052	1.43
3C	3C_FIRE	0.90	0.0037	0.96
4A	4A_EMER	0.03	0.0001	0.04
4B	4B_EMER	0.22	0.0009	0.24
4C	4C_EMER	0.16	0.0006	0.17
Background Concentration (µg/m³):			*Exceeds Standard*	
Maximum Impacts (µg/m³):		1.32	0.006	1.68
Standard (µg/m³):		150	20	50
Exceed?		n/a	n/a	n/a
SJVAPCD SIL (µg/m³):		n/a	1	5
Exceed?		n/a	No	No

Note: Max impacts for 24-Hour and annual calculations based on combining all equipment from each option. Maximum impacts at fenceline areas below the SIL, even though a member of the public would not be at one of these receptors for a 24-hour period.

The $PM_{2.5}$ AERMOD results are presented in Table 11. Similar to PM_{10}, modeled impacts were compared to the SJVAPCD SILs because the regional background $PM_{2.5}$ is above the NAAQS. Therefore, a comparison to the SIL was used for significance determination purposes. As shown in Table 11, modeled concentrations would not exceed the SILs.

Table 11 $PM_{2.5}$ AERMOD Results

		NAAQS		CAAQS
Engine No.	Model Source Group	Annual (µg/m³)	24-Hr (µg/m³)	Annual (µg/m³)
1A	1A_LPG	0	0	0
1B	1B_LPG	0	0	0
2	2_LPG	0	0	0
3A	3A_FIRE	0.0006	0.274	0.0006
3B	3B_FIRE[1]	0.0051	0.184	0.0051
3C	3C_FIRE[1]	0.0037	0.028	0.0037
4A	4A_EMER	0.0001	0.042	0.0001
4B	4B_EMER	0.0009	0.235	0.0009
4C	4C_EMER	0.0006	0.170	0.0006
Background Concentration (µg/m³):			*Exceeds Standard*	
Maximum Impacts (µg/m³):		0.005	0.42	0.006
Standard (µg/m³):		12	12	35
Standard[2] (µg/m³):		9	n/a	n/a
Exceed?		n/a	n/a	n/a

Engine No.	Model Source Group	NAAQS Annual (µg/m³)	NAAQS 24-Hr (µg/m³)	CAAQS Annual (µg/m³)
SJVAPCD SIL (µg/m³):		n/a	1.2	0.2
Exceed?		n/a	No	No

Notes:

The maximum modeled impacts were used for PM2.5 24-hour calculations to demonstrate compliance with the SJVAPCD SIL. Maximum impacts at fenceline areas are below the SIL; however, a member of the public would not be at one of these receptors for a 24-hour period.

[1] The fire pump engine for Option 2 and 3 exceeds at the fenceline for the 24-hour averaging period. Therefore, a refinement was implemented to review the nearby sensitive receptors (similar to the HRA) to find a location where a member of the public could be exposed for 24 hours.

[2] The PM2.5 24-hour standard was revised on February 7, 2024. It goes into effect 60 days from this date.

4.2 Health Risk Assessment

The health risk assessment was conducted to determine cancer risk and non-cancer chronic and acute risk. Unitized emission rates were input into AERMOD and plotfiles were generated for each source for the highest hourly values and the annual average values. Hourly and annual TAC emissions were calculated for the equipment using speciation profiles developed by CARB and the US EPA.[2] The plotfiles and TAC emissions were input into the CARB Hotspots Analysis and Reporting Program Version 2 (HARP2). HARP2 is a program that assists with the calculations required to conduct an HRA. The speciated TAC emissions input into the HARP2 model are presented in Table 12, below.

Table 12 Speciated TAC Emissions

Engine #:	1,2		3		4		
Compound	lb/day	lb/yr	lb/day	lb/yr	lb/day	lb/yr	
DieselExhPM	0.00E+00	0.00E+00	3.46E-01	3.46E+01	7.49E-02	7.49E+00	
1,3-Butadiene	1.44E-04	1.44E-02	6.74E-04	6.74E-02	1.11E-03	6.82E-02	
Acetaldehyde	1.81E-03	1.81E-01	2.63E-02	2.63E+00	4.33E-02	2.66E+00	
Acetylene	4.81E-04	4.81E-02	--	--	--	--	*
Acrolein	1.99E-03	1.99E-01	--	--	--	--	
Ethane	2.24E-02	2.24E+00	--	--	--	--	*
Ethylene	1.57E-02	1.57E+00	--	--	--	--	*
Formaldehyde	9.92E-03	9.92E-01	5.32E-02	5.32E+00	8.78E-02	5.39E+00	
Methane	7.13E-02	7.13E+00	--	--	--	--	
N-Butane	5.67E-04	5.67E-02	--	--	--	--	*
Propane	2.66E-01	2.66E+01	--	--	--	--	*
Propylene	7.00E-03	7.00E-01	9.22E-03	9.22E-01	1.52E-02	9.33E-01	
Unknown	6.65E-03	6.65E-01	--	--	--	--	*
Benzene	--	--	7.10E-03	7.10E-01	1.17E-02	7.18E-01	
Ethylbenzene	--	--	1.10E-03	1.10E-01	1.81E-03	1.11E-01	

[2] Diesel engine speciation factors were provided to Rincon by the California Energy Commission, which are based on CARB Speciation Profiles Used in ARB Modeling. LPG engine speciation factors were obtained from the US EPA Speciation Profiles and Toxic Emission Factors for Non-road Engines. EPA-420-R-15-019.

Engine #:	1,2		3		4	
Compound	lb/day	lb/yr	lb/day	lb/yr	lb/day	lb/yr
n-Hexane	--	--	5.68E-04	5.68E-02	9.37E-04	5.74E-02
Methanol	--	--	1.06E-04	1.06E-02	1.76E-04	1.08E-02
Methyl Ethyl Ketone	--	--	5.32E-03	5.32E-01	8.78E-03	5.39E-01
Naphthalene	--	--	3.19E-04	3.19E-02	5.27E-04	3.23E-02
Styrene	--	--	2.13E-04	2.13E-02	3.51E-04	2.15E-02
Toluene	--	--	5.32E-03	5.32E-01	8.78E-03	5.39E-01
m-Xylene	--	--	2.16E-03	2.16E-01	3.57E-03	2.19E-01
o-Xylene	--	--	1.21E-03	1.21E-01	1.99E-03	1.22E-01
p-Xylene	--	--	3.55E-04	3.55E-02	5.85E-04	3.59E-02

Note:

* indicates chemical species that do not have a cancer potency factor or a reference exposure level.

These emission values were input into HARP to determine cancer, chronic and acute health risk.

All Project options were included in a single HARP2 run, which results in a conservative risk assessment. These HRA results are presented below in Table 13 for residential receptors and Table 14 for worker receptors. As shown therein, the Project would not result in cancer and non-cancer health risk impacts.

Table 13 Maximum Residential Health Risk

	Risk Value	Units	Threshold	Exceed?	Receptor #	UTM X	UTM Y
Cancer Risk	0.13	per million	20	No	3685	746912.3	4035004
Chronic Risk	0.00003	unitless	1	No	3685	746912.3	4035004
Acute Risk	0.020	unitless	1	No	3698	747420	4038275

Table 14 Maximum Worker Health Risk

	Risk Value	Units	Threshold	Exceed?	Receptor #	UTM X	UTM Y
Cancer Risk	0.38	per million	20	No	4282	747354	4035878
Chronic Risk	0.001	unitless	1	No	4282	747354	4035878
Acute Risk	0.036	unitless	1	No	4281	747192.5	4035874

5 Conclusion

The Project would not cause or contribute to any exceedance of any AAQS or cause health risk impacts. The equipment would be installed with the corresponding BACT.

6 References

San Joaquin Valley Air Pollution Control District (SJVAPCD). March 2019. APR 1925 Policy for District Rule 2201 AAQA Modeling. Available here: https://www.valleyair.org/policies_per/Policies/APR-1925.pdf (accessed March 2024).

_____. September 2022. Guidance for Air Dispersion Modeling. Available here: https://ww2.valleyair.org/media/zlbhrg22/modeling_guidance.pdf (accessed March 2024).

_____. 2024a. Ambient Air Quality Standards & Attainment Status. Available here: https://ww2.valleyair.org/air-quality-information/ambient-air-quality-standards-valley-attainmnet-status/ (accessed March 2024)

_____. 2024b. Current District Rules and Regulations. Available here: https://ww2.valleyair.org/rules-and-planning/current-district-rules-and-regulations/ (accessed March 2024).

_____. 2024c. District BACT Clearinghouse. Chapter 3.0 Internal Combustion Engines. Available here: https://ww2.valleyair.org/media/brmofcan/chapter3.pdf (accessed March 2024).

South Coast Air Quality Management District (SCAQMD). October 2006. Final –Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds. Available at: https://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/particulate-matter-(pm)-2.5-significance-thresholds-and-calculation-methodology/final_pm2_5methodology.pdf (accessed March 2024)

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Appendix A

SJVAPCD Air Permitting Forms

San Joaquin Valley Air Pollution Control District

www.valleyair.org

HEALTHY AIR LIVING

Checklist for Permit Applications:

To avoid unnecessary delays, please review the following checklist before submitting your Authority to Construct/Permit to Operate Application.

Checklist for Complete Applications (include the following)	
☒	1. A signed Authority to Construct/Permit to Operate Application.
☒	2. Include a site map that identifies the location(s) where the new/modified unit(s) will operate and the approximate property lines. This is required for any proposal for new equipment, an increase in emissions from existing units, or change in location of emission points.
☒	3. Any applicable supplemental application forms. Supplemental application forms can be found here: http://www.valleyair.org/busind/pto/ptoforms/1ptoformidx.htm
☒	4. Equipment listing (including a list of electric motors with hp rating).
☒	5. Include a short project description, including a process flow schematic identifying emission points.
☒	6. Process parameters (describe throughput, operating schedule, fuel rate, raw material usage, etc.).
☒	7. Identify control equipment/technology.
☒	8. Any additional information required to calculate emissions.
☐	9. $87 filing fee for each permit unit. *Note: Permit application processing time will be billed at the applicable District hourly labor rate*

Detailed Authority to Construct (ATC) and Permit to Operate (PTO) Application Instructions can be found here:

PDF Format: http://www.valleyair.org/busind/pto/ptoforms/atcappinstruct.pdf
Word Format: http://www.valleyair.org/busind/pto/ptoforms/WordDocs/atcappinstruct.doc

Applications may be submitted either by mail or in person at any of the regional offices listed below. The District is pleased to provide businesses with assistance in all aspects of the permitting process. Any business is welcome to call the **Small Business Assistance (SBA) Hotline** or to visit the SBA Office located in each of the regional offices. No appointment is necessary. For more information, please call the SBA Hotline serving the county in which your business is located.

Northern Region Office
(Serving San Joaquin, Stanislaus, and Merced Counties):

4800 Enterprise Way
Modesto, California 95356-8718
(209) 557-6400
FAX: (209) 557-6475
SBA Hotline: (209) 557-6446

Central Region Office
(Serving Madera, Fresno, and Kings Counties):

1990 E Gettysburg Avenue
Fresno, California 93726-0244
(559) 230-5900
FAX: (559) 230-6061
SBA Hotline: (559) 230-5888

Southern Region Office
(Serving Tulare and Kern Counties):

34946 Flyover Court
Bakersfield, California 93308
(661) 392-5500
FAX: (661) 392-5585
SBA Hotline: (661) 392-5665

San Joaquin Valley Air Pollution Control District
Authority to Construct/Permit to Operate Application Form

www.valleyair.org

HEALTHY AIR LIVING

1. PERMIT TO BE ISSUED TO: IP Darden I, LLC and Affiliates

2. MAILING ADDRESS:
STREET or P O BOX: 9450 SW Gemini Drive PMB #68743
CITY: Beaverton STATE: OR ZIP CODE: 97008-7105

3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: See Attachment
☐ *Check box if same as mailing address and skip to next section.*
STREET: _____ CITY: _____
If a physical address is not available:
ZIP CODE: 1/4 SECTION: TOWNSHIP: RANGE:

4. IS EQUIPMENT WITHIN 1,000 FT OF A SCHOOL?
☐ YES ☒ NO

5. GENERAL NATURE OF BUSINESS:
Solar Electricity Generation & Storage

6. S.I.C. CODE OF FACILITY:
491

7. TITLE V PERMIT HOLDERS ONLY: Do you request a COC (EPA Review) prior to receiving your ATC?
☐ YES *If yes, please complete and attach a Compliance Certification form (TVFORM-009)*
☐ NO

8. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE:
(*Please include permit #s if known, a site map, a Supplemental Application Form if available, and use additional sheets if necessary*)

The project will install internal combustion engines for emergency uses, including 2 LPG-fired 150 kW PSI 8800CAC emergency generators, 2 diesel-fired 400 kW CAT C18 emergency fire pump engines, and 2 diesel-fired 600 kW CAT C18 emergency generators.

9. IS THE EQUIPMENT OR MODIFICATION ALREADY INSTALLED OR COMPLETED?
☐ YES *Please provide date of installation:* _____
☒ NO *Please provide expected date of installation or modification:* Jan 2028

10. DO YOU REQUEST A PERIOD TO REVIEW THE DRAFT AUTHORITY TO CONSTRUCT (ATC) PERMIT PRIOR TO ATC ISSUANCE?
Please note that requesting a review period will delay issuance of your final permit by a corresponding number of working days. See instructions for more information on this review
☐ 3-day review
☒ 10-day review
☐ No review requested

11. IS THIS APPLICATION FOR THE CONSTRUCTION OF A NEW FACILITY?
☒ YES *If "Yes", please complete the CEQA Information form:* https://ww2.valleyair.org/media/cc4pofrd/ceqa-supp-information-form.docx
☐ NO *If "No", is the proposed equipment or project allowed by either:*
- the Conditional Use Permit or other Land Use Permit? ☐ YES ☐ NO
- or by Right? ☐ YES ☐ NO

12. IS THIS APPLICATION SUBMITTED AS THE RESULT OF EITHER A NOTICE OF VIOLATION (NOV) OR A NOTICE TO COMPLY (NTC)? ☐ YES ☒ NO *If yes, NOV/NTC #:* _____

13. APPLICANT NAME: IP Darden I, LLC and Affiliates
TITLE: _____
SIGNATURE: _____ DATE: _____

14. APPLICANT CONTACT INFORMATION:
PHONE #: _____
CELL PHONE #: _____
E-MAIL: _____

15. ***Optional Section:*** *DO YOU WANT TO RECEIVE INFORMATION ABOUT EITHER OF THE FOLLOWING VOLUNTARY PROGRAMS?*
☐ *"HEALTHY AIR LIVING (HAL) BUSINESS PARTNER"* ☐ *"INSPECT"*

FOR APCD USE ONLY:

DATE STAMPS	FILING FEE RECEIVED:$	CHECK #:	DATE PAID:
	PROJECT #:	FACILITY ID #:	

San Joaquin Valley Air Pollution Control District

Supplemental Application Form

Emergency/Low-Use IC Engines

Please complete one form for each engine.

This form must be accompanied by a completed Authority to Construct/Permit to Operate Application form

Permit to be issued to: IP Darden I, LLC and Affiliates
Location where the equipment will be operated: See Attachment
Installation date: tbd

EQUIPMENT DESCRIPTION

Engine Details

Engine Manufacturer: PSI	Engine Tier Rating: n/a
Engine Model: PSI 8.8L T CAC	Engine Year of Manufacture: tbd
Engine Serial Number: tbd	
EPA Certification Family Number: N P S I B 8 . 8 0 E M T	
Engine's Type of Combustion: ☐ Rich-Burn ☐ Lean-Burn ☐ 4-Stroke ☐ 2-Stroke	
Maximum Intermittent Brake Horsepower Rating of the Engine (per the Engine Data Plate): _____ bhp	
Engine's Rated Power Output for the Process the Engine Serves: 230.12 bhp	

Process Data

Process the Engine Serves: Emergency Backup Power		
Electrical Power Generation Only	Generator Manufacturer: Marathon	Model: 431CSL6208
	Power Output: 150 kW	
Will this equipment be used in an electric utility rate reduction program? ☐ Yes ☒ No		

Fuel Data

Fuel Type: ☐ Diesel ☐ Natural Gas ☒ LPG/Propane ☐ Gasoline ☐ Other: _____
For "Other" fuels only: Higher Heating Value: _____ Btu/scf, or _____ Btu/gal, For "Other" fuels only: An Ultimate Fuel Analysis or the combustion F-Factor _____dscf/MMBtu
Sulfur Content: _____ gr/100 scf (gaseous fuel) or _____ % by weight (liquid fuel)
Fuel Consumption at Maximum Rated Output: _____ gal/hr, or 695 scf/hr

Rule 4702 Type of Use

☒ **Emergency Standby** - Limited exclusively to power primary mechanical or an electrical generator during periods of unscheduled power outages beyond the control of the operator, and limited to 20 - 100 hr/yr (depending on the engine's PM_{10} emission factor) for maintenance and testing operation.

- ☐ This engine is specifically used to power a pump for a municipal water supply.
  - ☐ I request the higher opacity limit of 40% with the corresponding operational limits of 30 minutes per week and 2 hours per month for maintenance and testing. (CH&SC 41701.6)
  - ☐ I request the lower opacity limit of 20%.
- ☐ This engine is specifically used to provide power at a health care facility. (CH&SC 1250)
  - ☐ This engine is subject to Office of Statewide Health Planning and Development (OSHPD) requirements.

☐ **Special Case Emergency** - Limited exclusively to preserve or protect property, human life, or public health during a disaster or a state emergency (e.g. fire or flood) and limited to 20 - 100 hr/yr (depending on the engine's PM_{10} emission factor) for maintenance and testing operation.

- ☐ This engine is specifically used to power a direct-drive firewater pump.
  - ☐ This firewater pump engine is subject to National Fire Protection Association (NFPA) requirements.

☐ **Low Use** - Limited to ≤ 200 hr/yr of operation for **ALL** purposes combined, including maintenance and testing.

Hour Meter

Note: All engines are required to have either a nonresettable elapsed time meter or an alternate device, method, or technique, approved by the APCO, for determining elapsed operating time.

☒ Equipped with a Nonresettable Elapsed Operating Time Meter

☐ Alternate Method (please provide details): _____

EMISSIONS CONTROL

Emissions Control Equipment (Check all that apply)	☐ Positive Crankcase Ventilation	☐ 90% Efficient crankcase emission control device
	☐ Turbocharger	☐ Intercooler/Aftercooler
	☐ Automatic Air/Fuel Ratio or O_2 Controller - Manufacturer: _____	
	☒ Non-Selective Catalytic Reduction: Manufacturer: EMIT Model: RE-1450-T Control Efficiencies: NO_X 50+ %, SO_X _____ %, PM_{10} n/a %, CO 50+ %, VOC 30+ %	
	☐ Particulate Filter - Manufacturer: _____ Model: _____ Control Efficiency: _____ %	
	☐ Other (please specify):	

EMISSIONS DATA

Note: See District BACT and District Rule 4702 requirements for applicability to proposed engine at http://www.valleyair.org/busind/pto/bact/chapter3.pdf and http://www.valleyair.org/rules/currntrules/r4702.pdf.

	Pollutant	(g/bhp-hr)	(g/kW-hr)	(ppmvd)
Emissions Data	Nitrogen Oxides (NO_x)	< 1.00		
	Volatile Organic Compounds (VOC)	< 0.70		
	NO_x + NMHC			
	Particulate Matter (PM_{10})	n/a		
	Carbon Monoxide	< 2.00		
	% O_2, dry basis, if corrected to other than 15%: _____ %			
Source of Data	☒ Manufacturer's Specifications ☐ Emissions Source Test ☐ CARB/EPA Certification ☐ Other _____ **Note: please provide copies of all sources of emissions data.**			

HEALTH RISK ASSESSMENT DATA

Operating Hours	Maximum Operating Schedule: _____ hours per day, and _____ hours per year		
Receptor Data	Distance to nearest Residence	_____ feet	Distance is measured from the proposed stack location to the nearest boundary of the nearest apartment house, dormitory, etc.
	Direction to nearest Residence	_____	Direction from the stack to the receptor, i.e. Northeast or South.
	Distance to nearest Business	_____ feet	Distance is measured from the proposed stack location to the nearest boundary of the nearest office building, factory, store, etc.
	Direction to nearest Business	_____	Direction from the stack to the receptor, i.e. North or Southwest.
Stack Parameters **Note: Stack parameters may be listed on the permit as enforceable permit conditions*	Release Height *(See Note*)*	_____ feet above grade	
	Stack Diameter *(See Note*)*	_____ inches at point of release	
	Rain Cap *(See Note*)*	☐ Flapper-type ☐ Fixed-type ☐ None ☐ Other: _____	
	Stack Orientation *(See Note*)*	☐ Vertical ☐ Horizontal ☐ Other: _____ ° from vert. or _____ ° from horiz.	
Exhaust Data	Flowrate: _____ acfm	Temperature: _____ °F	
Transportable	Is this engine transportable? ☐ Yes ☒ No		
Facility Location	☐ Urban (area of dense population) ☒ Rural (area of sparse population)		

Please refer to attached modeling reference files.

San Joaquin Valley Air Pollution Control District

Supplemental Application Form

Emergency/Low-Use IC Engines

Please complete one form for each engine.

This form must be accompanied by a completed Authority to Construct/Permit to Operate Application form

Permit to be issued to: IP Darden I, LLC and Affiliates
Location where the equipment will be operated: See Attachment
Installation date: tbd

EQUIPMENT DESCRIPTION

Engine Details

Engine Manufacturer: PSI	Engine Tier Rating: n/a
Engine Model: PSI 8.8L T CAC	Engine Year of Manufacture: tbd
Engine Serial Number: tbd	
EPA Certification Family Number: N P S I B 8 . 8 0 E M T	
Engine's Type of Combustion: ☐ Rich-Burn ☐ Lean-Burn ☐ 4-Stroke ☐ 2-Stroke	
Maximum Intermittent Brake Horsepower Rating of the Engine (per the Engine Data Plate): _____ bhp	
Engine's Rated Power Output for the Process the Engine Serves: 230.12 bhp	

Process Data

Process the Engine Serves: Emergency Backup Power		
Electrical Power Generation Only	Generator Manufacturer: Marathon	Model: 431CSL6208
	Power Output: 150 kW	
Will this equipment be used in an electric utility rate reduction program? ☐ Yes ☒ No		

Fuel Data

Fuel Type: ☐ Diesel ☐ Natural Gas ☒ LPG/Propane ☐ Gasoline ☐ Other: _____
For "Other" fuels only: Higher Heating Value: _____ Btu/scf, or _____ Btu/gal, For "Other" fuels only: An Ultimate Fuel Analysis or the combustion F-Factor _____dscf/MMBtu
Sulfur Content: _____ gr/100 scf (gaseous fuel) or _____ % by weight (liquid fuel)
Fuel Consumption at Maximum Rated Output: _____ gal/hr, or 695 scf/hr

Rule 4702 Type of Use

☒ **Emergency Standby** - Limited exclusively to power primary mechanical or an electrical generator during periods of unscheduled power outages beyond the control of the operator, and limited to 20 - 100 hr/yr (depending on the engine's PM_{10} emission factor) for maintenance and testing operation.

- ☐ This engine is specifically used to power a pump for a municipal water supply.
  - ☐ I request the higher opacity limit of 40% with the corresponding operational limits of 30 minutes per week and 2 hours per month for maintenance and testing. (CH&SC 41701.6)
  - ☐ I request the lower opacity limit of 20%.
- ☐ This engine is specifically used to provide power at a health care facility. (CH&SC 1250)
  - ☐ This engine is subject to Office of Statewide Health Planning and Development (OSHPD) requirements.

☐ **Special Case Emergency** - Limited exclusively to preserve or protect property, human life, or public health during a disaster or a state emergency (e.g. fire or flood) and limited to 20 - 100 hr/yr (depending on the engine's PM_{10} emission factor) for maintenance and testing operation.

- ☐ This engine is specifically used to power a direct-drive firewater pump.
  - ☐ This firewater pump engine is subject to National Fire Protection Association (NFPA) requirements.

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Hour Meter

Note: All engines are required to have either a nonresettable elapsed time meter or an alternate device, method, or technique, approved by the APCO, for determining elapsed operating time.

☒ Equipped with a Nonresettable Elapsed Operating Time Meter

☐ Alternate Method (please provide details): _____

EMISSIONS CONTROL

Emissions Control Equipment (Check all that apply)	☐ Positive Crankcase Ventilation	☐ 90% Efficient crankcase emission control device
	☐ Turbocharger	☐ Intercooler/Aftercooler
	☐ Automatic Air/Fuel Ratio or O_2 Controller - Manufacturer: _____	
	☒ Non-Selective Catalytic Reduction: Manufacturer: EMIT Model: RE-1450-T Control Efficiencies: NO_X 50+ %, SO_X _____ %, PM_{10} n/a %, CO 50+ %, VOC 30+ %	
	☐ Particulate Filter - Manufacturer: _____ Model: _____ Control Efficiency: _____ %	
	☐ Other (please specify):	

EMISSIONS DATA

Note: See District BACT and District Rule 4702 requirements for applicability to proposed engine at http://www.valleyair.org/busind/pto/bact/chapter3.pdf and http://www.valleyair.org/rules/currntrules/r4702.pdf.

	Pollutant	(g/bhp-hr)	(g/kW-hr)	(ppmvd)
Emissions Data	Nitrogen Oxides (NO_x)	< 1.00		
	Volatile Organic Compounds (VOC)	< 0.70		
	NO_x + NMHC			
	Particulate Matter (PM_{10})	n/a		
	Carbon Monoxide	< 2.00		
	% O_2, dry basis, if corrected to other than 15%: _____ %			
Source of Data	☒ Manufacturer's Specifications ☐ Emissions Source Test ☐ CARB/EPA Certification ☐ Other _____ **Note: please provide copies of all sources of emissions data.**			

HEALTH RISK ASSESSMENT DATA

Operating Hours	Maximum Operating Schedule: _____ hours per day, and _____ hours per year		
Receptor Data	Distance to nearest Residence	_____ feet	Distance is measured from the proposed stack location to the nearest boundary of the nearest apartment house, dormitory, etc.
	Direction to nearest Residence	_____	Direction from the stack to the receptor, i.e. Northeast or South.
	Distance to nearest Business	_____ feet	Distance is measured from the proposed stack location to the nearest boundary of the nearest office building, factory, store, etc.
	Direction to nearest Business	_____	Direction from the stack to the receptor, i.e. North or Southwest.
Stack Parameters **Note: Stack parameters may be listed on the permit as enforceable permit conditions*	Release Height *(See Note*)*	_____ feet above grade	
	Stack Diameter *(See Note*)*	_____ inches at point of release	
	Rain Cap *(See Note*)*	☐ Flapper-type ☐ Fixed-type ☐ None ☐ Other: _____	
	Stack Orientation *(See Note*)*	☐ Vertical ☐ Horizontal ☐ Other: _____ ° from vert. or _____ ° from horiz.	
Exhaust Data	Flowrate: _____ acfm	Temperature: _____ °F	
Transportable	Is this engine transportable? ☐ Yes ☒ No		
Facility Location	☐ Urban (area of dense population) ☒ Rural (area of sparse population)		

Please refer to attached modeling reference files.

San Joaquin Valley Air Pollution Control District

Supplemental Application Form

Emergency/Low-Use IC Engines

Please complete one form for each engine.

This form must be accompanied by a completed Authority to Construct/Permit to Operate Application form

Permit to be issued to: IP Darden I, LLC and Affiliates
Location where the equipment will be operated: See Attachment
Installation date: tbd

EQUIPMENT DESCRIPTION

Engine Details

Engine Manufacturer: CAT	Engine Tier Rating: 3
Engine Model: C18	Engine Year of Manufacture: tbd
Engine Serial Number: tbd	
EPA Certification Family Number: **Please refer to attached spec sheets.**	
Engine's Type of Combustion: ☐ Rich-Burn ☐ Lean-Burn ☐ 4-Stroke ☐ 2-Stroke	
Maximum Intermittent Brake Horsepower Rating of the Engine (per the Engine Data Plate): 600_____ bhp	
Engine's Rated Power Output for the Process the Engine Serves: _536_____ bhp	

Process Data

Process the Engine Serves: Fire Pump		
Electrical Power Generation Only	Generator Manufacturer:	Model:
	Power Output: _____ kW	
Will this equipment be used in an electric utility rate reduction program? ☐ Yes ☒ No		

Fuel Data

Fuel Type: ☒ Diesel ☐ Natural Gas ☐ LPG/Propane ☐ Gasoline ☐ Other: _____

For "Other" fuels only: Higher Heating Value: _____ Btu/scf, or _____ Btu/gal,
For "Other" fuels only: An Ultimate Fuel Analysis or the combustion F-Factor _____dscf/MMBtu

Sulfur Content: _____ gr/100 scf (gaseous fuel) or _____ % by weight (liquid fuel)

Fuel Consumption at Maximum Rated Output: _30.6_____ gal/hr, or _____ scf/hr

Rule 4702 Type of Use

☐ **Emergency Standby** - Limited exclusively to power primary mechanical or an electrical generator during periods of unscheduled power outages beyond the control of the operator, and limited to 20 - 100 hr/yr (depending on the engine's PM_{10} emission factor) for maintenance and testing operation.

- ☐ This engine is specifically used to power a pump for a municipal water supply.
  - ☐ I request the higher opacity limit of 40% with the corresponding operational limits of 30 minutes per week and 2 hours per month for maintenance and testing. (CH&SC 41701.6)
  - ☐ I request the lower opacity limit of 20%.
- ☐ This engine is specifically used to provide power at a health care facility. (CH&SC 1250)
  - ☐ This engine is subject to Office of Statewide Health Planning and Development (OSHPD) requirements.

☒ **Special Case Emergency** - Limited exclusively to preserve or protect property, human life, or public health during a disaster or a state emergency (e.g. fire or flood) and limited to 20 - 100 hr/yr (depending on the engine's PM_{10} emission factor) for maintenance and testing operation.

- ☒ This engine is specifically used to power a direct-drive firewater pump.
  - ☐ This firewater pump engine is subject to National Fire Protection Association (NFPA) requirements.

☐ **Low Use** - Limited to ≤ 200 hr/yr of operation for **ALL** purposes combined, including maintenance and testing.

Hour Meter

Note: All engines are required to have either a nonresettable elapsed time meter or an alternate device, method, or technique, approved by the APCO, for determining elapsed operating time.

☒ Equipped with a Nonresettable Elapsed Operating Time Meter

☐ Alternate Method (please provide details): _____

EMISSIONS CONTROL

Emissions Control Equipment (Check all that apply)	☐ Positive Crankcase Ventilation	☐ 90% Efficient crankcase emission control device
	☒ Turbocharger	☒ Intercooler/Aftercooler
	☐ Automatic Air/Fuel Ratio or O_2 Controller - Manufacturer: _____	
	☐ Non-Selective Catalytic Reduction: Manufacturer: _____ Model: _____ Control Efficiencies: NO_X %, SO_X _____ %, PM_{10} %, CO %, VOC %	
	☐ Particulate Filter - Manufacturer: _____ Model: _____ Control Efficiency: _____ %	
	☐ Other (please specify):	

EMISSIONS DATA

Note: See District BACT and District Rule 4702 requirements for applicability to proposed engine at http://www.valleyair.org/busind/pto/bact/chapter3.pdf and http://www.valleyair.org/rules/currntrules/r4702.pdf.

	Pollutant	(g/bhp-hr)	(g/kW-hr)	(ppmvd)
Emissions Data	Nitrogen Oxides (NO_x)	0.15		
	Volatile Organic Compounds (VOC)	2.85		
	NO_x + NMHC	3.0		
	Particulate Matter (PM_{10})	0.15		
	Carbon Monoxide	2.6		
	% O_2, dry basis, if corrected to other than 15%: _____ %			
Source of Data	☒ Manufacturer's Specifications ☐ Emissions Source Test ☒ CARB/EPA Certification ☐ Other _____ **Note: please provide copies of all sources of emissions data.**			

HEALTH RISK ASSESSMENT DATA

Operating Hours	Maximum Operating Schedule: _____ hours per day, and _____ hours per year		
Receptor Data	Distance to nearest Residence	_____ feet	Distance is measured from the proposed stack location to the nearest boundary of the nearest apartment house, dormitory, etc.
	Direction to nearest Residence	_____	Direction from the stack to the receptor, i.e. Northeast or South.
	Distance to nearest Business	_____ feet	Distance is measured from the proposed stack location to the nearest boundary of the nearest office building, factory, store, etc.
	Direction to nearest Business	_____	Direction from the stack to the receptor, i.e. North or Southwest.
Stack Parameters **Note: Stack parameters may be listed on the permit as enforceable permit conditions*	Release Height *(See Note*)*	_____ feet above grade	
	Stack Diameter *(See Note*)*	_____ inches at point of release	
	Rain Cap *(See Note*)*	☐ Flapper-type ☐ Fixed-type ☐ None ☐ Other: _____	
	Stack Orientation *(See Note*)*	☐ Vertical ☐ Horizontal ☐ Other: _____ ° from vert. or _____ ° from horiz.	
Exhaust Data	Flowrate: _____ acfm	Temperature: _____ °F	
Transportable	Is this engine transportable? ☐ Yes ☒ No		
Facility Location	☐ Urban (area of dense population) ☒ Rural (area of sparse population)		

Please refer to attached modeling reference files.

San Joaquin Valley Air Pollution Control District

Supplemental Application Form

Emergency/Low-Use IC Engines

Please complete one form for each engine.

This form must be accompanied by a completed Authority to Construct/Permit to Operate Application form

Permit to be issued to: IP Darden I, LLC and Affiliates
Location where the equipment will be operated: See Attachment
Installation date: tbd

EQUIPMENT DESCRIPTION

Engine Details

Engine Manufacturer: CAT	Engine Tier Rating: 3
Engine Model: C18	Engine Year of Manufacture: tbd
Engine Serial Number: tbd	
EPA Certification Family Number: **Please refer to attached spec sheets.**	
Engine's Type of Combustion: ☐ Rich-Burn ☐ Lean-Burn ☐ 4-Stroke ☐ 2-Stroke	
Maximum Intermittent Brake Horsepower Rating of the Engine (per the Engine Data Plate): 600_____ bhp	
Engine's Rated Power Output for the Process the Engine Serves: _536_____ bhp	

Process Data

Process the Engine Serves: Fire Pump		
Electrical Power Generation Only	Generator Manufacturer:	Model:
	Power Output: _____ kW	
Will this equipment be used in an electric utility rate reduction program? ☐ Yes ☒ No		

Fuel Data

Fuel Type: ☒ Diesel ☐ Natural Gas ☐ LPG/Propane ☐ Gasoline ☐ Other: _____
For "Other" fuels only: Higher Heating Value: _____ Btu/scf, or _____ Btu/gal, For "Other" fuels only: An Ultimate Fuel Analysis or the combustion F-Factor _____dscf/MMBtu
Sulfur Content: _____ gr/100 scf (gaseous fuel) or _____ % by weight (liquid fuel)
Fuel Consumption at Maximum Rated Output: _30.6_____ gal/hr, or _____ scf/hr

Rule 4702 Type of Use

☐ **Emergency Standby** - Limited exclusively to power primary mechanical or an electrical generator during periods of unscheduled power outages beyond the control of the operator, and limited to 20 - 100 hr/yr (depending on the engine's PM_{10} emission factor) for maintenance and testing operation.

- ☐ This engine is specifically used to power a pump for a municipal water supply.
  - ☐ I request the higher opacity limit of 40% with the corresponding operational limits of 30 minutes per week and 2 hours per month for maintenance and testing. (CH&SC 41701.6)
  - ☐ I request the lower opacity limit of 20%.
- ☐ This engine is specifically used to provide power at a health care facility. (CH&SC 1250)
  - ☐ This engine is subject to Office of Statewide Health Planning and Development (OSHPD) requirements.

☒ **Special Case Emergency** - Limited exclusively to preserve or protect property, human life, or public health during a disaster or a state emergency (e.g. fire or flood) and limited to 20 - 100 hr/yr (depending on the engine's PM_{10} emission factor) for maintenance and testing operation.

- ☒ This engine is specifically used to power a direct-drive firewater pump.
  - ☐ This firewater pump engine is subject to National Fire Protection Association (NFPA) requirements.

☐ **Low Use** - Limited to ≤ 200 hr/yr of operation for **ALL** purposes combined, including maintenance and testing.

Hour Meter

Note: All engines are required to have either a nonresettable elapsed time meter or an alternate device, method, or technique, approved by the APCO, for determining elapsed operating time.

☒ Equipped with a Nonresettable Elapsed Operating Time Meter

☐ Alternate Method (please provide details): _____

EMISSIONS CONTROL

Emissions Control Equipment (Check all that apply)	☐ Positive Crankcase Ventilation	☐ 90% Efficient crankcase emission control device
	☒ Turbocharger	☒ Intercooler/Aftercooler
	☐ Automatic Air/Fuel Ratio or O_2 Controller - Manufacturer: _____	
	☐ Non-Selective Catalytic Reduction: Manufacturer: _____ Model: _____ Control Efficiencies: NO_X %, SO_X _____ %, PM_{10} %, CO %, VOC %	
	☐ Particulate Filter - Manufacturer: _____ Model: _____ Control Efficiency: _____ %	
	☐ Other (please specify):	

EMISSIONS DATA

Note: See District BACT and District Rule 4702 requirements for applicability to proposed engine at http://www.valleyair.org/busind/pto/bact/chapter3.pdf and http://www.valleyair.org/rules/currntrules/r4702.pdf.

	Pollutant	(g/bhp-hr)	(g/kW-hr)	(ppmvd)
Emissions Data	Nitrogen Oxides (NO_x)	0.15		
	Volatile Organic Compounds (VOC)	2.85		
	NO_x + NMHC	3.0		
	Particulate Matter (PM_{10})	0.15		
	Carbon Monoxide	2.6		
	% O_2, dry basis, if corrected to other than 15%: _____ %			
Source of Data	☒ Manufacturer's Specifications ☐ Emissions Source Test ☒ CARB/EPA Certification ☐ Other _____ **Note: please provide copies of all sources of emissions data.**			

HEALTH RISK ASSESSMENT DATA

Operating Hours	Maximum Operating Schedule: _____ hours per day, and _____ hours per year		
Receptor Data	Distance to nearest Residence	_____ feet	Distance is measured from the proposed stack location to the nearest boundary of the nearest apartment house, dormitory, etc.
	Direction to nearest Residence	_____	Direction from the stack to the receptor, i.e. Northeast or South.
	Distance to nearest Business	_____ feet	Distance is measured from the proposed stack location to the nearest boundary of the nearest office building, factory, store, etc.
	Direction to nearest Business	_____	Direction from the stack to the receptor, i.e. North or Southwest.
Stack Parameters **Note: Stack parameters may be listed on the permit as enforceable permit conditions*	Release Height *(See Note*)*	_____ feet above grade	
	Stack Diameter *(See Note*)*	_____ inches at point of release	
	Rain Cap *(See Note*)*	☐ Flapper-type ☐ Fixed-type ☐ None ☐ Other: _____	
	Stack Orientation *(See Note*)*	☐ Vertical ☐ Horizontal ☐ Other: _____ ° from vert. or _____ ° from horiz.	
Exhaust Data	Flowrate: _____ acfm	Temperature: _____ °F	
Transportable	Is this engine transportable? ☐ Yes ☒ No		
Facility Location	☐ Urban (area of dense population) ☒ Rural (area of sparse population)		

Please refer to attached modeling reference files.

San Joaquin Valley Air Pollution Control District

Supplemental Application Form

Emergency/Low-Use IC Engines

Please complete one form for each engine.

This form must be accompanied by a completed Authority to Construct/Permit to Operate Application form

Permit to be issued to: IP Darden I, LLC and Affiliates
Location where the equipment will be operated: See Attachment
Installation date: tbd

EQUIPMENT DESCRIPTION

Engine Details

Engine Manufacturer: CAT	Engine Tier Rating: 4
Engine Model: C18	Engine Year of Manufacture: tbdt
Engine Serial Number: tbd	
EPA Certification Family Number: **Please refer to attached spec sheets.**	
Engine's Type of Combustion: ☐ Rich-Burn ☐ Lean-Burn ☐ 4-Stroke ☐ 2-Stroke	
Maximum Intermittent Brake Horsepower Rating of the Engine (per the Engine Data Plate): 805_____ bhp	
Engine's Rated Power Output for the Process the Engine Serves: _805_____ bhp	

Process Data

Process the Engine Serves: Emergency Backup Power		
Electrical Power Generation Only	Generator Manufacturer: CAT	Model:
	Power Output: 600 kW	
Will this equipment be used in an electric utility rate reduction program? ☐ Yes ☒ No		

Fuel Data

Fuel Type: ☒ Diesel ☐ Natural Gas ☐ LPG/Propane ☐ Gasoline ☐ Other: _____
For "Other" fuels only: Higher Heating Value: _____ Btu/scf, or _____ Btu/gal, For "Other" fuels only: An Ultimate Fuel Analysis or the combustion F-Factor _____dscf/MMBtu
Sulfur Content: _____ gr/100 scf (gaseous fuel) or _____ % by weight (liquid fuel)
Fuel Consumption at Maximum Rated Output: _42.7_____ gal/hr, or _____ scf/hr

Rule 4702 Type of Use

☒ **Emergency Standby** - Limited exclusively to power primary mechanical or an electrical generator during periods of unscheduled power outages beyond the control of the operator, and limited to 20 - 100 hr/yr (depending on the engine's PM_{10} emission factor) for maintenance and testing operation.

- ☐ This engine is specifically used to power a pump for a municipal water supply.
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  - ☐ I request the lower opacity limit of 20%.
- ☐ This engine is specifically used to provide power at a health care facility. (CH&SC 1250)
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Hour Meter

Note: All engines are required to have either a nonresettable elapsed time meter or an alternate device, method, or technique, approved by the APCO, for determining elapsed operating time.

☒ Equipped with a Nonresettable Elapsed Operating Time Meter

☐ Alternate Method (please provide details): _____

EMISSIONS CONTROL

Emissions Control Equipment (Check all that apply)	☐ Positive Crankcase Ventilation	☐ 90% Efficient crankcase emission control device
	☒ Turbocharger	☒ Intercooler/Aftercooler
	☐ Automatic Air/Fuel Ratio or O_2 Controller - Manufacturer: _____	
	☒ Non-Selective Catalytic Reduction: Manufacturer: tbd Model: tbd Control Efficiencies: NO_X 89 %, SO_X _____ %, PM_{10} n/a %, CO n/a %, VOC 42 %	
	☒ Particulate Filter - Manufacturer: tbd Model: tbd Control Efficiency: 85 %	
	☐ Other (please specify):	

EMISSIONS DATA

Note: See District BACT and District Rule 4702 requirements for applicability to proposed engine at http://www.valleyair.org/busind/pto/bact/chapter3.pdf and http://www.valleyair.org/rules/currntrules/r4702.pdf.

	Pollutant	(g/bhp-hr)	(g/kW-hr)	(ppmvd)
Emissions Data	Nitrogen Oxides (NO_x)	4.56		
	Volatile Organic Compounds (VOC)	0.24		
	NO_x + NMHC	4.80		
	Particulate Matter (PM_{10})	0.022		
	Carbon Monoxide	2.6		
	% O_2, dry basis, if corrected to other than 15%: _____ %			
Source of Data	☒ Manufacturer's Specifications ☐ Emissions Source Test ☒ CARB/EPA Certification ☐ Other _____ **Note: please provide copies of all sources of emissions data.**			

HEALTH RISK ASSESSMENT DATA

Operating Hours	Maximum Operating Schedule: _____ hours per day, and _____ hours per year		
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	Stack Orientation *(See Note*)*	☐ Vertical ☐ Horizontal ☐ Other: _____ ° from vert. or _____ ° from horiz.	
Exhaust Data	Flowrate: _____ acfm	Temperature: _____ °F	
Transportable	Is this engine transportable? ☐ Yes ☒ No		
Facility Location	☐ Urban (area of dense population) ☒ Rural (area of sparse population)		

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San Joaquin Valley Air Pollution Control District

Supplemental Application Form

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Electrical Power Generation Only	Generator Manufacturer: CAT	Model:
	Power Output: 600 kW	
Will this equipment be used in an electric utility rate reduction program? ☐ Yes ☒ No		

Fuel Data

Fuel Type: ☒ Diesel ☐ Natural Gas ☐ LPG/Propane ☐ Gasoline ☐ Other: _____
For "Other" fuels only: Higher Heating Value: _____ Btu/scf, or _____ Btu/gal, For "Other" fuels only: An Ultimate Fuel Analysis or the combustion F-Factor _____dscf/MMBtu
Sulfur Content: _____ gr/100 scf (gaseous fuel) or _____ % by weight (liquid fuel)
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☒ Equipped with a Nonresettable Elapsed Operating Time Meter

☐ Alternate Method (please provide details): _____

EMISSIONS CONTROL

Emissions Control Equipment (Check all that apply)	☐ Positive Crankcase Ventilation	☐ 90% Efficient crankcase emission control device
	☒ Turbocharger	☒ Intercooler/Aftercooler
	☐ Automatic Air/Fuel Ratio or O_2 Controller - Manufacturer: _____	
	☒ Non-Selective Catalytic Reduction: Manufacturer: tbd Model: tbd Control Efficiencies: NO_X 89 %, SO_X _____ %, PM_{10} n/a %, CO n/a %, VOC 42 %	
	☒ Particulate Filter - Manufacturer: tbd Model: tbd Control Efficiency: 85 %	
	☐ Other (please specify):	

EMISSIONS DATA

Note: See District BACT and District Rule 4702 requirements for applicability to proposed engine at http://www.valleyair.org/busind/pto/bact/chapter3.pdf and http://www.valleyair.org/rules/currntrules/r4702.pdf.

	Pollutant	(g/bhp-hr)	(g/kW-hr)	(ppmvd)
Emissions Data	Nitrogen Oxides (NO_x)	4.56		
	Volatile Organic Compounds (VOC)	0.24		
	NO_x + NMHC	4.80		
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	Carbon Monoxide	2.6		
	% O_2, dry basis, if corrected to other than 15%: _____ %			
Source of Data	☒ Manufacturer's Specifications ☐ Emissions Source Test ☒ CARB/EPA Certification ☐ Other _____ **Note: please provide copies of all sources of emissions data.**			

HEALTH RISK ASSESSMENT DATA

Operating Hours	Maximum Operating Schedule: _____ hours per day, and _____ hours per year		
Receptor Data	Distance to nearest Residence	_____ feet	Distance is measured from the proposed stack location to the nearest boundary of the nearest apartment house, dormitory, etc.
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	Stack Diameter *(See Note*)*	_____ inches at point of release	
	Rain Cap *(See Note*)*	☐ Flapper-type ☐ Fixed-type ☐ None ☐ Other: _____	
	Stack Orientation *(See Note*)*	☐ Vertical ☐ Horizontal ☐ Other: _____ ° from vert. or _____ ° from horiz.	
Exhaust Data	Flowrate: _____ acfm	Temperature: _____ °F	
Transportable	Is this engine transportable? ☐ Yes ☒ No		
Facility Location	☐ Urban (area of dense population) ☒ Rural (area of sparse population)		

Please refer to attached modeling reference files.

San Joaquin Valley AIR POLLUTION CONTROL DISTRICT

HEALTHY AIR LIVING™

CEQA Supplemental Information Form

This form must be accompanied by a complete Authority to Construct/Permit to Operate Application form.

Facility Name: Darden Clean Energy Project			
Location where the equipment will be operated: See attachment			
	Check "Yes" or "No" as applicable.	**Yes**	**No**
1.	Has a public agency (e.g., City or County) prepared and certified an environmental review document (e.g., Negative Declaration, Mitigated Negative Declaration, Environmental Impact Report) under the California Environmental Quality Act (CEQA) that assesses the impacts of this project or another project of which it is part of or related to? *If "YES", please provide the following:* • A statement from the public agency confirming this project has undergone environmental review, • A copy of the certified environmental document (e.g. Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report), and • A copy of the public agency's signed Notice of Determination including proof of payment of Fish & Wildlife fees.	☐ **Skip to Line 4 below**	☒
2.	Is this project specifically exempted from CEQA by a public agency (e.g., City or County)? *If "YES", please provide the following:* • A statement from the public agency confirming this project is exempt from CEQA; and • A copy of the public agency's signed Notice of Exemption, if applicable.	☐ **Skip to Line 4 below**	☒
3.	Is a public agency in the process of preparing an environmental review document for this project? Please provide the following: • A statement from the public agency identifying whether or not this project is undergoing environmental review.	☒	☐
4.	Please submit this completed CEQA Supplemental Information Form and necessary additional documentation identified above to the District.		

Assessor's Parcel Numbers within the Project Site

Assessor's Parcel Numbers	Section(s)-Township-Range	County
Solar Facility, and Options 1 and 2 Step-up Substation and BESS		
040-070-31ST	S22 – 16S – 16E	Fresno County
040-070-32ST	S22 – 16S – 16E	Fresno County
040-110-15ST	S35 – 16S – 16E	Fresno County
040-110-16ST	S34 – 16S – 16E	Fresno County
040-110-20ST	S36 – 16S – 16E	Fresno County
040-110-21ST	S26 – 16S – 16E	Fresno County
040-110-23ST	S26 – 16S – 16E	Fresno County
040-110-25ST	S26 – 16S – 16E	Fresno County
040-110-27ST	S27 – 16S – 16E	Fresno County
040-110-28ST	S27 – 16S – 16E	Fresno County
040-110-29ST	S27 – 16S – 16E	Fresno County
040-110-30ST	S27 – 16S – 16E	Fresno County
040-110-31ST	S26 – 16S – 16E	Fresno County
040-110-32ST	S26 – 16S – 16E	Fresno County
040-110-34ST	S25 – 16S – 16E	Fresno County
050-020-47ST	S4 – 17S – 16E	Fresno County
050-030-04ST	S2 – 17S – 16E	Fresno County
050-030-05ST	S2 – 17S – 16E	Fresno County
050-030-07ST	S2 – 17S – 16E	Fresno County
050-030-08ST	S2 – 17S – 16E	Fresno County
050-030-10ST	S2 – 17S – 16E	Fresno County
050-030-21ST	S3 – 17S – 16E	Fresno County
050-030-24ST	S12 – 17S – 16E	Fresno County
050-030-25ST	S12 – 17S – 16E	Fresno County
050-030-26ST	S10 – 17S – 16E	Fresno County
050-030-27ST	S10 – 17S – 16E	Fresno County
050-030-29ST	S10 – 17S – 16E	Fresno County
050-030-30ST	S3 – 17S – 16E	Fresno County
050-030-31ST	S3 – 17S – 16E	Fresno County
050-030-32ST	S02, 03 – 17S – 16E	Fresno County
050-030-33ST	S3 – 17S – 16E	Fresno County
050-030-49ST	S10 – 17S – 16E	Fresno County
050-060-45ST	S21 – 17S – 16E	Fresno County
050-060-46ST	S16 – 17S – 16E	Fresno County
050-060-47ST	S16 – 17S – 16E	Fresno County
050-060-48ST	S16 – 17S – 16E	Fresno County
050-070-02T	S15 – 17S – 16E	Fresno County
050-070-41ST	S15 – 17S – 16E	Fresno County
050-070-42ST	S15 – 17S – 16E	Fresno County
050-070-43ST	S15 – 17S – 16E	Fresno County
050-070-64ST	S15 – 17S – 16E	Fresno County

050-080-01ST	S18 – 17S – 17E	Fresno County
Gen-tie Line Easement and Extension		
045-160-24S	S25 – 17S – 14E	Fresno County
045-160-23S	S25 – 17S – 14E	Fresno County
045-160-22S	S25 – 17S – 14E	Fresno County
045-171-01	S30 – 17S – 15E	Fresno County
045-080-47S	S19 – 17S – 15E	Fresno County
045-080-38S	S19 – 17S – 15E	Fresno County
045-080-17S	S20 – 17S – 15E	Fresno County
045-080-49S	S21 – 17S – 15E	Fresno County
045-080-09S	S16 – 17S – 15E	Fresno County
045-070-51S	S15 – 17S – 15E	Fresno County
045-070-49S	S15 – 17S – 15E	Fresno County
045-070-04	S14 – 17S – 15E	Fresno County
045-070-44S	S14 – 17S – 15E	Fresno County
045-070-45S	S14 – 17S – 15E	Fresno County
045-070-26ST	S13 – 17S – 15E	Fresno County
045-070-37S	S13 – 17S – 15E	Fresno County
045-070-35S	S13 – 17S – 15E	Fresno County
050-060-27S	S18 – 17S – 16E	Fresno County
050-060-38S	S17 – 17S – 16E	Fresno County
050-060-24S	S17 – 17S – 16E	Fresno County
050-060-48ST	S16 – 17S – 16E	Fresno County
050-060-20S	S16, 21 -17S – 16E	Fresno County
050-070-43ST	S15 – 17S – 16E	Fresno County
050-070-02T	S15 – 17S – 16E	Fresno County
050-070-42ST	S15 – 17S – 16E	Fresno County
050-030-27ST	S10 – 17S – 16E	Fresno County
050-030-26ST	S10 – 17S – 16E	Fresno County
050-030-21ST	S3 – 17S – 16E	Fresno County
Green Hydrogen Facility (Option 1 and Option 2)		
050-030-21ST	S3 – 17S – 16E	Fresno County
050-060-45ST	S21 – 17S – 16E	Fresno County
Green Hydrogen Facility (Alternate)		
045-160-18S	S25 – 17S – 14E	Fresno County
045-160-21S	S25 – 17S – 14E	Fresno County
045-160-22S	S25 – 17S – 14E	Fresno County
045-160-23S	S25 – 17S – 14E	Fresno County
Utility Switchyard		
045-160-24S	S25 – 17S – 14E	Fresno County

Appendix B

Emissions Calculations

Darden Clean Energy Project

Equipment Summary

Engine Information

Engine No.	Make / Model	Location	# of Units	Size (ekW)	Size (bhp)	Fuel	Reference File Name
1A	Power Solutions Int'l (PSI) 8800CAC (LPG)	Step Up Substation Option 1	1	150	262	LPG	Oberon MTU GS150 submittal file Rev. 1.pdf
1B	Emergency Generator Set	Step Up Substation Option 2	1	150	262		
2		Step Down Substation	1	150	262		
3A	CAT C18 Fire Pump Engine	Option 1	2	400	536	Diesel	C18FP_EM0067 Perf Data.pdf
3B		Option 2	2	400	536		
3C		Option 3	2	400	536		
4A	CAT C18 Diesel Emergency Generator Set	Option 1	2	600	805	Diesel	600kw C18_LEHE1581-02.pdf
4B		Option 2	2	600	805		
4C		Option 3	2	600	805		

Notes: ekW = electrical kilowatts; bhp = brake horsepower; LPG = liquified petroleum gas

Emission Rates

				NOx Emission Factor (g/bhp-hr)		VOC Emission Factor (g/bhp-hr)		CO Emission Factor (g/bhp-hr)		SOx Emission Factor (g/bhp-hr)		PM Emission Factor (g/bhp-hr)		NH3	CO2	CH4	N2O
Engine No.	Emission Factors Source	Max Daily Hours	Max Annual Hours	Uncontrolled	Controlled	Uncontrolled	Controlled	Uncontrolled	Controlled	Uncontrolled	Controlled	Uncontrolled	Controlled	Controlled		g/bhp-hr	
1A, 1B, 2	Spec Sheets	1	100	n/a	1	n/a	0.7	n/a	2	n/a	n/a	n/a	n/a	n/a	*	*	*
3A, 3B, 3C	US EPA Tier 3	1	100	2.85	2.85	0.15	0.15	2.6	2.6	2.05E-03	2.05E-03	0.15	0.15	n/a	568	0.023	0.005
4A, 4B, 4C	US EPA Tier 2 / Tier 4	1	100	4.56	0.5	0.24	0.14	2.6	2.6	2.05E-03	2.05E-03	0.15	0.022	n/a	568	0.023	0.005

Notes: US EPA = United States Environmental Protection Agency; NOx = oxides of nitrogen; VOC = volatile organic compounds; CO = carbon monoxide; SOx = sulfur oxides; PM = particulate matter; NH3 = ammonia; CO2 = carbon dioxide; CH4 = methane; N2O = nitrous oxides; g/bhp-hr = grams per brake horsepower-hour

* The LPG engine has emission factors based on fuel flow rates as provided by the US EPA's 2023 Emission Factor for Greenhouse Gas Inventories. The engine fuel consumption at 100% rating is 695 ft3/hr (or 19.7 m3/hr).

Per Table A of Appendix A of SCAQMD's *Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Threshold* s, for Electric Generation, PM10 is 96% of Total PM and PM2.5 is 93.7% of Total PM. For the Fire Pump Engines, PM10 is 97.6% of Total PM and PM2.5 is 96.7% of Total PM

SOx Factors from AP-42 Table 3.3-1

Darden Clean Energy Project

Criteria Pollutant Emissions Summary

Emission Calculations, Hourly

Engine No.	Emission Factors Source	Max Daily Hours	Max Annual Hours	NOx lb/hr	VOC lb/hr	CO lb/hr	SOx lb/hr	PM lb/hr
1A	Spec sheets	1	100	0.578	0.404	1.155	0	0
1B	Spec sheets	1	100	0.578	0.404	1.155	0	0
2	Spec sheets	1	100	0.578	0.404	1.155	0	0
3A	US EPA Tier 3	1	100	6.741	0.355	6.149	0.005	0.355
3B	US EPA Tier 3	1	100	6.741	0.355	6.149	0.005	0.355
3C	US EPA Tier 3	1	100	6.741	0.355	6.149	0.005	0.355
4A	US EPA Tier 2 / Tier 4	1	100	5.375	0.585	9.224	2.311	0.078
4B	US EPA Tier 2 / Tier 4	1	100	5.375	0.585	9.224	2.311	0.078
4C	US EPA Tier 2 / Tier 4	1	100	5.375	0.585	9.224	2.311	0.078

Note: Assuming 0.25 hr uncontrolled and 0.75 hr controlled for Tier 4 equipment. Except for PM, assuming no startup time required and 100% emissions controlled through DPF.

Emission Calculations, Annual

Engine No.	Emission Factors Source	Max Daily Hours	Max Annual Hours	NOx lb/yr	VOC lb/yr	CO lb/yr	SOx lb/yr	PM lb/yr
1A	Spec sheets	1	100	57.8	40.4	115.5	0	0
1B	Spec sheets	1	100	57.8	40.4	115.5	0	0
2	Spec sheets	1	100	57.8	40.4	115.5	0	0
3A	US EPA Tier 3	1	100	674.1	35.5	614.9	0.5	35.5
3B	US EPA Tier 3	1	100	674.1	35.5	614.9	0.5	35.5
3C	US EPA Tier 3	1	100	674.1	35.5	614.9	0.5	35.5
4A	US EPA Tier 2 / Tier 4	1	100	207.0	35.9	627.2	56.2	7.8
4B	US EPA Tier 2 / Tier 4	1	100	207.0	35.9	627.2	56.2	7.8
4C	US EPA Tier 2 / Tier 4	1	100	207.0	35.9	627.2	56.2	7.8
		Total Emissions Per Project Option:		**996.6**	**152.2**	**1473.2**	**56.7**	**43.3**

Note: Assuming 12 startup events for T&M, the remaining 88 hours assumed controlled for the Tier 4 equipment.

Darden Clean Energy Project

Speciated Toxic Air Contaminant (TAC) Calculations

TAC Speciation Factors

Source	Emission Type	Fraction	Chemical
LPG Engines	Exhaust VOC	0.000357	1,3-Butadiene
		0.004466	Acetaldehyde
		0.001189	Acetylene
		0.004924	Acrolein
		0.05549	Ethane
		0.038902	Ethylene
		0.024523	Formaldehyde
		0.176432	Methane
		0.001402	N-Butane
		0.658555	Propane
		0.017313	Propylene
		0.016448	Unknown
Diesel Engines	Exhaust PM	1	Diesel PM
	Exhaust VOC	0.0019	1,3-Butadiene
		0.074	Acetaldehyde
		0.02	Benzene
		0.0031	Ethylbenzene
		0.15	Formaldehyde
		0.0016	n-Hexane
		3.00E-04	Methanol
		0.015	Methyl Ethyl Ketone
		9.00E-04	Naphthalene
		0.026	Propylene
		6.00E-04	Styrene
		0.015	Toluene
		6.10E-03	m-Xylene
		0.0034	o-Xylene
		1.00E-03	p-Xylene

Sources:

Diesel engine speciation factors were provided to Rincon by the CEC, which are based on CARB speciation factors.

LPG engine speciation factors were obtained from the US EPA Speciation Profiles and Toxic Emission Factors for Non-road Engines. EPA-420-R-15-019.

Notes:

LPG = liquified petroleum gas; VOC = volatile organic compounds; PM = particulate matter

TAC Emissions Calculation Summary

Engine #:	1,2		3		4		
Compound	lb/day	lb/yr	lb/day	lb/yr	lb/day	lb/yr	
DieselExhPM	0.00E+00	0.00E+00	3.46E-01	3.46E+01	7.49E-02	7.49E+00	
1,3-Butadiene	1.44E-04	1.44E-02	6.74E-04	6.74E-02	1.11E-03	6.82E-02	
Acetaldehyde	1.81E-03	1.81E-01	2.63E-02	2.63E+00	4.33E-02	2.66E+00	
Acetylene	4.81E-04	4.81E-02	--	--	--	--	*
Acrolein	1.99E-03	1.99E-01	--	--	--	--	
Ethane	2.24E-02	2.24E+00	--	--	--	--	*
Ethylene	1.57E-02	1.57E+00	--	--	--	--	*
Formaldehyde	9.92E-03	9.92E-01	5.32E-02	5.32E+00	8.78E-02	5.39E+00	
Methane	7.13E-02	7.13E+00	--	--	--	--	
N-Butane	5.67E-04	5.67E-02	--	--	--	--	*
Propane	2.66E-01	2.66E+01	--	--	--	--	*
Propylene	7.00E-03	7.00E-01	9.22E-03	9.22E-01	1.52E-02	9.33E-01	
Unknown	6.65E-03	6.65E-01	--	--	--	--	*
Benzene	--	--	7.10E-03	7.10E-01	1.17E-02	7.18E-01	
Ethylbenzene	--	--	1.10E-03	1.10E-01	1.81E-03	1.11E-01	
n-Hexane	--	--	5.68E-04	5.68E-02	9.37E-04	5.74E-02	
Methanol	--	--	1.06E-04	1.06E-02	1.76E-04	1.08E-02	
Methyl Ethyl Ketone	--	--	5.32E-03	5.32E-01	8.78E-03	5.39E-01	
Naphthalene	--	--	3.19E-04	3.19E-02	5.27E-04	3.23E-02	
Styrene	--	--	2.13E-04	2.13E-02	3.51E-04	2.15E-02	
Toluene	--	--	5.32E-03	5.32E-01	8.78E-03	5.39E-01	
m-Xylene	--	--	2.16E-03	2.16E-01	3.57E-03	2.19E-01	
o-Xylene	--	--	1.21E-03	1.21E-01	1.99E-03	1.22E-01	
p-Xylene	--	--	3.55E-04	3.55E-02	5.85E-04	3.59E-02	

Note: * indicates chemical species that do not have a cancer potency factor or a reference exposure level.
These emission values were input into HARP to determine cancer, chronic and acute health risk.

Appendix C

Ambient Air Quality Analysis Summary

Darden Clean Energy Project

AERMOD Unitized Outputs

AERMOD Unitized Outputs

			H1H			H2H			H4H	H6H	H8H
Engine No.	Model Source Group	Annual (ug/m3)	1-Hr (ug/m3)	8-Hr (ug/m3)	24-Hr (ug/m3)	1-Hr (ug/m3)	3-Hr (ug/m3)	8-Hr (ug/m3)	1-Hr (ug/m3)	24-Hr (ug/m3)	24-Hr (ug/m3)
1A	1A_LPG	18.02625	112.55497	86.36024	50.31153	109.65669	105.33497	82.948	109.44786	45.16411	42.78806
1B	1B_LPG	3.51009	157.44721	131.28687	62.99968	155.38786	141.68557	122.54952	154.95697	55.28396	50.90834
2	2_LPG	8.89647	150.53662	118.6971	60.74479	149.36814	123.71599	98.70178	144.41023	50.82497	50.03529
3A	3A_FIRE	1.16466	35.93321	16.90934	6.34583	35.82206	24.79946	15.80507	33.58211	4.48461	4.27243
3B	3B_FIRE	10.37307	71.53676	50.2601	32.87553	70.24235	63.92992	49.17627	69.82051	30.26794	29.286
3C	3C_FIRE	7.39949	62.1011	40.55469	22.06612	55.59765	52.72234	36.3486	55.50095	20.58288	20.40451
4A	4A_EMER	1.0825	30.3708	11.44285	4.57366	26.37041	17.24129	11.19564	25.16424	3.52654	3.3891
4B	4B_EMER	8.539	57.61656	41.69033	25.50555	56.07664	52.53164	39.22341	55.06311	23.81824	22.76236
4C	4C_EMER	6.00144	45.78913	30.88841	18.41104	45.7343	43.82566	30.86374	45.69175	16.41991	16.18124

Note: ug/m3 = micrograms per meter cubed; H1H = high first high; H2H = high second high; H4H = high fourth high; H6H = high sixth high; H8H = high eighth high

The unitized rates for the time period and output rank is designed to match the standards for the NAAQS & CAAQS.

Did not use unitized H8H for 1-Hr NOx; actual emissions input into model.

Darden Clean Energy Project

AAQS Results Summary

AERMOD NOx Outputs

		NAAQS		CAAQS	
Engine No.	Model Source Group	Annual (ug/m3)	1-Hr (ug/m3)	Annual (ug/m3)	1-Hr (ug/m3)
1A	1A_LPG	1.2	7.2	1.2	7.4
1B	1B_LPG	0.2	10.0	0.2	10.3
2	2_LPG	0.6	9.0	0.6	9.9
3A	3A_FIRE	0.9	22.2	0.9	27.5
3B	3B_FIRE	7.9	49.7	7.9	54.7
3C	3C_FIRE	5.7	42.4	5.7	47.5
4A	4A_EMER	0.7	13.9	0.7	18.5
4B	4B_EMER	5.2	32.4	5.2	35.1
4C	4C_EMER	3.7	27.6	3.7	27.9
Background Concentration (ug/m3):		34.8	123.4	34.8	123.4
Maximum Impacts (ug/m3):		42.8	173.0	42.8	178.0
Standard (ug/m3):		100	188	57	339
Exceed?		No	No	No	No

AERMOD CO Results Calculations

		NAAQS		CAAQS	
Engine No.	Model Source Group	1-Hr (ug/m3)	8-Hr (ug/m3)	1-Hr (ug/m3)	8-Hr (ug/m3)
1A	1A_LPG	16.0	12.1	16.4	12.6
1B	1B_LPG	22.6	17.8	22.9	19.1
2	2_LPG	21.7	14.4	21.9	17.3
3A	3A_FIRE	27.8	12.2	27.8	13.1
3B	3B_FIRE	54.4	38.1	55.4	38.9
3C	3C_FIRE	43.1	28.2	48.1	31.4
4A	4A_EMER	30.6	13.0	35.3	13.3
4B	4B_EMER	65.2	45.6	67.0	48.5
4C	4C_EMER	53.2	35.9	53.2	35.9
Background Concentration (ug/m3):		3,987	2,864	3,987	2,864
Maximum Impacts (ug/m3):		4087	3052	4054	3203
Standard (ug/m3):		40,000	10,000	23,000	10,000
Exceed?		No	No	No	No

Note: Max impacts for 8-Hour calculations conservatively based on combining all equipment potentially operating in a single day (including duplicates for the project options).

AERMOD SOx Results Calculations

Engine No.	Model Source Group	NAAQS 1-Hr (ug/m3)	CAAQS 1-Hr (ug/m3)	CAAQS 24-Hr (ug/m3)
1A	1A_LPG	0	0	0
1B	1B_LPG	0	0	0
2	2_LPG	0	0	0
3A	3A_FIRE	0.02	0.02	0.00
3B	3B_FIRE	0.04	0.04	0.02
3C	3C_FIRE	0.03	0.04	0.01
4A	4A_EMER	7.3	8.8	1.3
4B	4B_EMER	16.0	16.8	7.4
4C	4C_EMER	13.3	13.3	5.4
	Background Concentration (ug/m3):	42	42	42
	Maximum Impacts (ug/m3):	58	59	50
	Standard (ug/m3):	196	655	105
	Exceed?	No	No	No

AERMOD PM10 Results Calculations

Engine No.	Model Source Group	NAAQS 24-Hr (ug/m3)	CAAQS Annual (ug/m3)	CAAQS 24-Hr (ug/m3)
1A	1A_LPG	0	0	0
1B	1B_LPG	0	0	0
2	2_LPG	0	0	0
3A	3A_FIRE	0.20	0.0006	0.28
3B	3B_FIRE	1.32	0.0052	1.43
3C	3C_FIRE	0.90	0.0037	0.96
4A	4A_EMER	0.03	0.0001	0.04
4B	4B_EMER	0.22	0.0009	0.24
4C	4C_EMER	0.16	0.0006	0.17
	Background Concentration (ug/m3):		*Exceeds Standard*	
	Maximum Impacts (ug/m3):	1.32	0.006	1.68
	Standard (ug/m3):	150	20	50
	Exceed?	n/a	n/a	n/a
	SJVAPCD SIL (ug/m3):	n/a	1	5
	Exceed?	n/a	No	No

Max impacts for 24-Hour and annual calculations based on combining all equipment from each option. Maximum impacts at fenceline areas are below the SIL; however, a member of the public would not be at one of these receptors for a 24-hour period.

AERMOD PM2.5 Results Calculations

		NAAQS		CAAQS
Engine No.	Model Source Group	Annual (ug/m3)	24-Hr (ug/m3)	Annual (ug/m3)
1A	1A_LPG	0	0	0
1B	1B_LPG	0	0	0
2	2_LPG	0	0	0
3A	3A_FIRE	0.0006	0.274	0.0006
3B	3B_FIRE*	0.0051	0.184	0.0051
3C	3C_FIRE*	0.0037	0.028	0.0037
4A	4A_EMER	0.0001	0.042	0.0001
4B	4B_EMER	0.0009	0.235	0.0009
4C	4C_EMER	0.0006	0.170	0.0006
Background Concentration (ug/m3):			*Exceeds Standard*	
Maximum Impacts (ug/m3):		0.005	0.42	0.006
Standard (ug/m3):		12	12	35
Standard** (ug/m3):		9	n/a	n/a
Exceed?		n/a	n/a	n/a
SJVAPCD SIL (ug/m3):		n/a	1.2	0.2
Exceed?		n/a	No	No

Used the H1H for PM2.5 24-hour calculations to demonstrate compliance with the SJVAPCD SIL.

Max impacts for 24-Hour and annual calculations based on combining all equipment from each option. Maximum impacts at fenceline areas below the SIL, even though a member of the public would not be at one of these receptors for a 24-hour period.

*However, the fire pump engine for Option B and C exceeds at the fenceline for the 24-hour averaging period. Therefore, a refinement was implemented to review the nearby sensitive receptors (similar to the HRA) to find a location where a member of the public could be exposed for 24 hours.

**The PM2.5 24-hour standard was revised on February 7, 2024. It goes into effect 60 days from this date.

Appendix D

Health Risk Assessment Summary

Darden Clean Energy Project

Health Risk Assessment Summary

Maximum Residential Health Risk

	Risk Value	Units	Threshold	Exceed?	Receptor #	UTM X	UTM Y
Cancer Risk	0.13	per million	20	No	3685	746912.3	4035004
Chronic Risk	0.00003	unitless	1	No	3685	746912.3	4035004
Acute Risk	0.020	unitless	1	No	3698	747420	4038275

Maximum Worker Health Risk

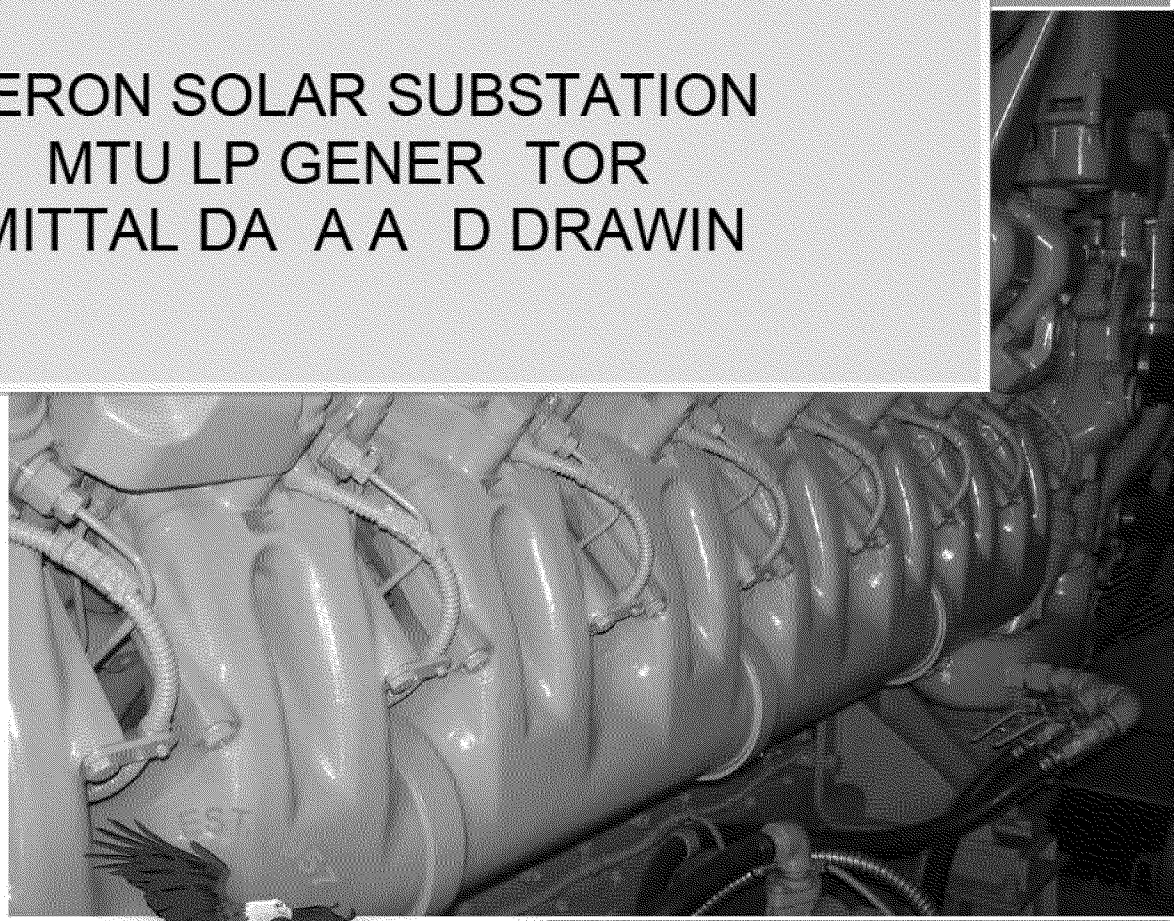
	Risk Value	Units	Threshold	Exceed?	Receptor #	UTM X	UTM Y
Cancer Risk	0.38	per million	20	No	4282	747354	4035878
Chronic Risk	0.001	unitless	1	No	4282	747354	4035878
Acute Risk	0.036	unitless	1	No	4281	747192.5	4035874

Ref: SJVAPCD APR 1906.

Appendix E

Manufacturer Specifications and Additional Reference Documents

BERON SOLAR SUBSTATION
MTU LP GENER TOR
SUBMITTAL DA A A D DRAWIN



INTERSTATE
Pride in Service

Provided by:

Interstate Power Systems

12568 Highview Avenue

Lakeville, MN 55044



Power Generation

PERFORMANCE ASSURANCE CERTIFICATION

A Rolls-Royce solution

TESTING PROCEDURES

Prototype

We have been producing superior generator sets for more than six decades. Understanding the importance of reliable, cost-effective products, we have developed industry-leading test procedures to ensure we exceed this criteria. Our testing program confirms that our customers will receive products of the highest quality.

Our Performance Assurance Certification (PAC) certifies that every MTU generator set undergoes rigorous prototype testing including the following:

Prototype Test Procedures

- **Rated Load (NFPA 110)**
  All generator set models will produce the nameplate-rated load within the design tolerance of the generator set.
- **Extended-run Testing**
  All generator set prototypes have been subjected to extended run-time testing.
- **Transient Response Analysis (ISO 8528-5)**
  All new generator set models have undergone transient response analysis per ISO 8528-5.
- **Torsional Analysis**
  All generator set models have undergone torsional stress analysis.
- **Engine Cooling System**
  All generator set models will cool sufficiently within the ambient design conditions per each model.
- **Anticipatory Alarms and Shutdowns**
  The pre-alarms and alarms function appropriately to protect the generator set from any foreseen unnecessary failures.
- **Vibrational Analysis (ISO 8528-9)**
  All new generator set models have undergone vibration analysis to ensure that each engine-generator coupling is balanced and that there is no destructive resonant vibration.
- **Noise Analysis (ISO 8528-10)**
  All generator sets undergo airborne noise analysis using the enveloping surface method.

Prototype Test Standards

MTU generator sets are compliant with many different codes and standards. Our validation philosophy and performance are regularly reviewed to ensure continuity with these codes and standards: *UL2200, CSA, EPA, NFPA 99—Health Care Facilities, NFPA 70—National Electrical Code, NFPA 110—Standard for Emergency and Standby Power Systems, Department of Labor and Industry, NEMA MG 1—Motors and Generators, and MIL-STD-705-c.*

Factory Acceptance

Our factory testing is performed with the same extreme diligence and attention to detail that is given to the prototype testing process. Every MTU generator set receives a complete factory acceptance test that certifies and ensures the system will function in accordance to every specific application.

Test metering has an accuracy of 1.3% or better. This metering is calibrated a minimum of once per year and is directly traceable to the Bureau of Standards.

Factory acceptance testing procedures

- **Insulation Resistance Inspection** (301.1c)*
- **High Potential Test** (302.1b)*
- **Alternator Overspeed** (1 min.)*
- **Engine Inspection**
- **Generator Inspection**
- **Resistances Inspection** (401.1b)
  - Exciter Field Stator
  - Alternator Armatures
- **Mounting and Coupling Inspection**
- **Engine Fuel Oil System Inspection**
- **Engine Lube Oil System Inspection**
- **Engine Cooling System Inspection**
- **DC Charging System Inspection**
- **Circuit Breaker Inspection**
- **Anticipatory Alarms and Shutdowns Inspection** (505.2b, 515.1b, 515.2b)
- **Optional Equipment Inspection** (513.2a)
- **Load Test Inspection**
  - Full Nameplate-Rated Load
  - No-Load Inspection
  - MAX Load @ 1.0 P.F. (640.1d)
  - MAX Load @ 0.8 P.F.
  - Block Loads @ 0–25%, 0–50%, 0–75%, 0–100%
- **Phase Balance and Sequence Inspection** (507.1d, 508.1d, 516.1a)

** Performed by Alternator OEM*

OPTIONAL TESTING

Factory Acceptance

Extended-run factory acceptance testing
In some cases, extended-run testing may be requested. Unless specified otherwise, extended-run testing will be performed in the following manner:

- Full nameplate-rated load
- Standard readings taken every 15 or 30 minutes

Standard readings recorded during load test inspection

- Run Time
- AC Voltage
- AC Amperage
- kVA
- kWe
- Power Factor
- Frequency
- Exciter Field Voltage
- Exciter Field Current
- Lube Oil Pressure
- Engine Coolant Temperature
- Ambient Temperature

Witnessed factory acceptance testing
Witnessed factory tests must be scheduled and approved at least four weeks prior to the generator set's scheduled shipping date. Any requests for witnessed factory testing after this four-week period must be approved by the Regional Sales Manager and are subject to additional fees.

Witnessed extended-run factory acceptance testing
Witnessed extended-run tests must be scheduled and approved at least four weeks prior to the generator set's scheduled ship date. Any requests for witnessed extended-run testing after this four-week period must be approved by the Regional Sales Manager and are subject to additional fees.

Additional factory acceptance testing
Additional testing is available upon request. The following is a list of supplementary tests which can be performed on MTU generator sets. Non-standard testing is subject to additional charges.

Additional testing procedures
- **Start and Stop Test** (MIL-STD-705c 503.1c)
- **Remote Start and Stop Test** (MIL-STD-705c 503.2c)
- **Overspeed Protective Device Test** (MIL-STD-705c 505.2b)
- **Insulation Resistance Test** (MIL-STD-705c 301.1c)*
- **Open Circuit Saturation Curve Test** (MIL-STD-705c 410.1b)
- **Temperature Rise Test** (MIL-STD-705c 680.1c)
- **Frequency Range Adjust Test** (MIL-STD-705c 511.2c)
- **Low Oil Pressure Protective Device Test** (MIL-STD-705c 515.1b)
- **Over-temperature Protective Device Test** (MIL-STD-705c 515.2b)
- **Controls, Direction, and Rotation Test** (MIL-STD-705c 516.1a)
- **Frequency and Voltage Regulation, Stability, and Transient Response** (MIL-STD-705c 608.1b)
- **Voltage and Frequency Regulation** (MIL-STD-705c 614.1b)
- **Voltage Dip and Rise for Rated Load Test** (MIL-STD-705c 619.2c)
- **Regulator Range Test** (511.1d)
- **Maximum Power Test** (MIL-STD-705c 640.1d)
- **Fuel Consumption Test**
- **Vibration and Mechanical Balance Test** (ISO 8528-9)
- **Sound Test** (ISO 8528-10)

** Testing conducted by generator OEM*

Subject to change | Version 10/2021 | ESC 3000-05

Rolls-Royce Group
www.mtu-solutions.com

CERTIFICATE OF COMPLIANCE

Certificate Number	AU3559
Report Reference	AU3559-20110603
Issue Date	2020-JULY-13
Issued to:	MTU America Inc 100 Power Dr Mankato MN 56001-4790
This certificate confirms that representative samples of	ENGINE GENERATORS See Addendum Page
	Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
Standard(s) for Safety:	UL 2200, Stationary Engine Generator Assemblies
Additional Information:	See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at http://ul.com/aboutul/locations/

CERTIFICATE OF COMPLIANCE

Certificate Number	AU3559
Report Reference	AU3559-20110603
Issue Date	2020-JULY-13

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Stationary engine generator assemblies for outdoor use and indoor use, Models:

Model Series G, followed by S or P, may be followed by two zeroes, followed by 130, 150, 175, 200, 235, 260, 300, 350, 355 or 400, followed by N, L, or V, followed by 6, followed by C or S, followed by R, P, J, N, G or D, followed by A, followed by S, followed by 0, followed by 98, followed by 3 or 4. May have additional prefix or suffix letters or numbers.

Models G, followed by G, followed by 06, 08, 10, or 12, followed by R or V, followed by K, followed by a three digit number. May have additional prefix or suffix letters or numbers.

Models 6, 8, 10, or 12, followed by R or V, followed by a four digit number, followed by G, followed by S, followed by a number ranging from 150 to 650. May have additional prefix or suffix letters or numbers.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at http://ul.com/aboutul/locations/

Prototype Test Summary (PTS)

A Rolls-Royce solution

Prototype testing is administered to validate the electrical and mechanical design integrity of the generator set. The results indicated below summarize testing performed on the prototype of the specified generator set model. This form of testing is only conducted on standard factory prototype generator sets. *Results may vary.*

GENERATOR SET MODEL(S):	***mtu*** 8V0110 GS150

Rep. Prototype Model:	***mtu*** 8V0110 GS150	Test Date:	10/20/2020
kW:	150	kVA:	240
Voltage:	240	Hz:	60

ENGINE/GENERATOR

Engine Manufacturer:	PSI	Engine Model:	PSI 8.8L T CAC
Engine Fuel:	Natural Gas		
Generator Manufacturer:	Marathon	Generator Model:	431CSL6208
Voltage Regulator Model:	SE350	PMG Equipped:	☐ Yes ☒ No

OPTIONS

Enclosure Level:	Level 3	Silencer:	Unit Mounted – L3 system
Air Filtration:	Standard		

TEST SUMMARY

TEST	TEST RESULT
Transient Performance *Certifies that the engine generator-set model has undergone transient response analysis per ISO 8528-5*	**NFPA-110 One Step:** ☒ 100% ☐ Other. Specify: ____ % **Full Load Acceptance:** Voltage Dip: 42.1 % Recovery Time: 3.37 seconds Frequency Dip: 14.4 % Recovery Time: 3.69 seconds
Steady State Performance *Certifies that voltage deviation and harmonics are within acceptance tolerance range per ISO-8528-5 at full load*	**Frequency Regulation:** 0.22 +/- % Regulation Overall 60.27 Maximum Hz 60.01 Minimum Hz **Voltage Regulation:** 0.26 +/- % Regulation Overall 242.7 Maximum AC Volts 241.5 Minimum AC Volts
Torsional Analysis *Certifies that the generator set has undergone torsional stress analysis and is not subjected to torsional stresses that could be harmful to the unit*	☒ Complete
Cooling System *Certifies that all generator set models will cool sufficiently within the ambient design conditions per each model at referenced enclosure level*	48 °C (118.4 °F) Maximum Ambient Temperature 191 m^3/min (6.738 SCFM) Radiator Air Flow
Sound Data *Certifies that sound data is within the acceptable tolerance range per ISO 8528-10 at referenced enclosure level*	74.5 dBA @ 7 m (23 ft) at full rated load *The sound value is representative of the specified prototype at the time of testing and is subject to alteration due to technological advances. Please contact your **mtu** representative for the most recent enclosure and sound data.*
Vibrational Analysis *Certifies that new generator set models have undergone vibration analysis to ensure that each generator coupling is balanced and there is no destructive resonant vibration per ISO 8528-9*	☒ Complete

Subject to change. 2021-10

ROLLS-ROYCE SOLUTIONS AMERICA INC.

Two (2) Year / 3,000 Hour Basic Limited Warranty
Standby (3D) / Prime (3B) / Data Center Continuous Power (3F)

Rolls-Royce Solutions America Inc. ("RRSA") issues the following express Limited Warranty subject to the following terms, conditions, and limitations:

An original consumer ("Owner") who purchases an RRSA engine generator set ("Product") is entitled to coverage under this Limited Warranty. RRSA warrants to the Owner that the Product is free of defects in material and workmanship and will perform under normal use and service from valid start-up performed by RRSA. Any nonconformity to the foregoing is defined as a Warrantable Defect. This Limited Warranty applies to Product shipped by RRSA after January 1, 2014.

1. Disclaimers

LIMITATION OF WARRANTIES: THIS LIMITED WARRANTY IS GIVEN EXPRESSLY AND IN PLACE OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE, FREEDOM FROM INFRINGEMENT OR THIRD PARTY INTELLECTUAL PROPERTY RIGHTS, OR ARISING FROM COURSE OF DEALING, COURSE OF PERFORMANCE OR USAGE OF TRADE. THERE ARE NO UNDERSTANDINGS, AGREEMENTS, REPRESENTATIONS, OR WARRANTIES NOT SPECIFIED HEREIN.

THIS LIMITED WARRANTY, THE OBLIGATIONS OF RRSA AND THE RIGHTS AND REMEDIES OF THE OWNER SET FORTH IN THIS LIMITED WARRANTY ARE EXCLUSIVE AND ARE EXPRESSLY IN LIEU OF, AND THE OWNER HEREBY WAIVES AND RELEASES ALL OTHER OBLIGATIONS, WARRANTIES (INCLUDING WARRANTY AGAINST REDHIBITORY DEFECTS), REPRESENTATIONS OR LIABILITIES, EXPRESS OR IMPLIED, ARISING BY LAW IN CONTRACT, TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY) OR OTHERWISE, INCLUDING BUT NOT LIMITED TO ANY CLAIMS ARISING OUT OF, CONNECTED WITH OR RESULTING FROM THE PERFORMANCE OF THIS LIMITED WARRANTY OR FROM THE DESIGN, MANUFACTURE, SALE, REPAIR, LEASE OR USE OF THE PRODUCT, ANY COMPONENT THEREOF AND SERVICES DELIVERED OR RENDERED HEREUNDER OR OTHERWISE.

IN NO EVENT, WHETHER AS A RESULT OF BREACH OF CONTRACT OR WARRANTY, ALLEGED NEGLIGENCE, OR OTHERWISE, SHALL RRSA BE SUBJECT TO LIABILITY FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL OR PUNITIVE DAMAGES OF ANY KIND, INCLUDING WITHOUT LIMITATION, DAMAGE TO THE PRODUCT, OR OTHER PROPERTY, COMMERCIAL LOSSES, LOST PROFITS, LOSS OF USE, INCONVENIENCE, LOSS OF TIME, COST OF CAPITAL, COST OF SUBSTITUTE EQUIPMENT, DOWNTIME, OR CLAIMS OF CUSTOMERS.

RRSA'S AGGREGATE TOTAL LIABILITY RELATING TO THE SYSTEM AND/OR PRODUCT UNDER THIS LIMITED WARRANTY OR UNDER ANY OTHER CLAIM (IN CONTRACT, TORT, OR OTHERWISE) MADE IN CONNECTION WITH THE SALE OR USAGE OF THE SYSTEM AND/OR PRODUCT IS LIMITED TO THE DOLLAR AMOUNT OF THE OWNER'S ORIGINAL PAYMENT MADE FOR THE SYSTEM AND/OR PRODUCT.

2. Limited Warranty Periods

Limited Warranty Period. The Limited Warranty Period for a Warrantable Defect in the Product is twenty-four (24) months after the first commissioning of the Product. In all cases, the Limited Warranty period will expire not later than thirty-six (36) months from the date of shipment from the RRSA Mankato, MN facility or after 3,000 operation hours, whichever occurs first.

Accessories Coverage Period. The Accessories Coverage Period for a Warrantable Defect in cords, receptacles, cord reels, gas flex pipes, housing lights, space heaters, and associated equipment ("Accessories") is twelve (12) months from the date of shipment from RRSA Mankato, MN facility.

RRSA warranty obligations under this Limited Warranty are contingent upon distributor completing the following:

(a) The RRSA warranty and the *Start-Up Validation and Pre-Inspection Form*. Return both to RRSA within sixty (60) days of the start-up date; and
(b) The engine registration form (when applicable). Return to the manufacturer as stated in the engine registration form instructions.

3. RRSA Responsibilities

If a Warrantable Defect is found during the Limited Warranty Period and/or the Accessories Coverage Period, and provided the Owner has complied with its obligations under Section 4, RRSA will, during normal working hours, through an RRSA authorized distributor, dealer, or service outlet, perform some or all of the following:

(a) Repair or replace, at the sole election of RRSA, the defective part with a new or remanufactured replacement part;
(b) Provide reasonable or customary labor needed to correct the Warrantable Defect;
(c) Provide technician travel time of 400 miles to and from the closest RRSA authorized distributor, dealer, or service outlet to the Product location;
(d) Part removal and re-installation, if necessary and as solely determined by RRSA.

The obligation to repair or replace defective parts by RRSA does not include responsibility for reimbursement of incidental or consequential costs. If RRSA repairs or replaces an Accessory, part, or Product under this Limited Warranty, the repaired or replaced Accessory, part, or Product assumes the unexpired portion of the warranty period remaining from the original Accessory, part, or Product. Repair or replacement of an Accessory, part, or Product will not extend the term of the original Limited Warranty Period or Accessories Coverage Period. Parts or Product replaced shall become the property of RRSA.

Failure of RRSA to enforce any of the terms or conditions stated herein shall not be construed as a waiver of such provision or of any other terms and conditions of this Limited Warranty.

4. Owner Responsibilities

During the Limited Warranty Period and Accessories Coverage Period, the Owner is responsible for, and RRSA will not reimburse for the following:

(a) Battery;
(b) Premium or overtime labor costs;
(c) Labor and material costs for Product removal and reinstallation;
(d) Any special access fees required to gain access to RRSA equipment, without limitation, training or safety policy requirement to gain access;
(e) Transportation costs or travel expenses related to delivery of the Product to the designated distributor, dealer, or service outlet;
(f) Incidental and consequential costs, damages, or administrative expenses of whatever nature;
(g) Non-Product repairs, vehicle damage, "downtime" expenses, cargo damage, fines, lost income, any business costs of any kind, Owner's travel expenses, and other losses resulting from a Warrantable Defect;
(h) Shipping charges for replacement parts/Products in excess of those which are usual and customary; or
(i) Local taxes, if applicable.

In addition, Owner must:

(a) Operate, use, and maintain the Product in accordance with the applicable Owner's manual and/or any other manuals specified by RRSA, including without limitation handling, inspection, servicing, or operating instructions;

Rolls-Royce Solutions America Inc. Two (2) Year / 3,000 Hour Basic Standby Limited Warranty

Standby (3D) / Prime (3B) / Data Center Continuous Power (3F)

(b) Promptly notify RRSA or its authorized representative of a Warrantable Defect and make the Product available for repair;
(c) Comply with RRSA or its authorized representative's reasonable directions regarding the timing, sequence, and location of warranty repairs and make the Product available for inspection;
(d) Perform all required maintenance and maintain and provide proof that all required maintenance has been performed;
(e) Use RRSA specified parts, components, and consumables;
(f) Promptly return to RRSA all parts replaced under this Limited Warranty;
(g) Comply with RRSA long term storage guidelines, if applicable, and maintain and provide proof of compliance;
(h) Routinely exercise the Product in accordance with operating instructions;
(i) Install the Product in accordance with the installation guide provided; and
(j) Reimburse RRSA for all costs incurred in providing warranty service where, following examination, the request or claim for warranty coverage proves to be unfounded or excluded, as well as all incidental costs including those incurred investigating the claim.

5. Limitations

RRSA is not responsible, and this Limited Warranty is not available under any circumstances, for any of the following:

(a) Failure of Owner to fulfill its obligations under Section 4;
(b) Failure of Owner to follow RRSA instructions for Product stored by Owner longer than 180 days from date of shipment from the RRSA Mankato, MN facility;
(c) Defects caused by adjustments made by Owner to the fuel system or governor system;
(d) Defects which were obvious or capable of being identified by reasonable inspection and were not reported to RRSA within a reasonable time;
(e) Rental equipment used during warranty work;
(f) Defects caused or potentially caused by service work performed by non-RRSA authorized service providers and/or the use of non-genuine RRSA parts;
(g) Defects resulting from natural wear and tear, external action, negligence, natural disasters, accidents, incorrect use, improper handling or storage, inadequate corrosion-proofing, incorrect assembly or installation, or modification of the Product;
(h) Defects resulting from abuse or neglect, including unauthorized modifications to the Product;
(i) Repair or any use or installation which RRSA, in its sole discretion, determines to be improper;
(j) Defects caused by incorrect maintenance;
(k) Defects resulting from Owner's delay in making the Product available after being notified of a potential problem or Owner's failure to take immediate measures to avoid or mitigate damage;
(l) Damage caused by shipping;
(m) Repair of parts sold by RRSA that are warranted directly to the Owner by the respective part's manufacturer;
(n) Misapplication of the Product;
(o) Diesel engine "wet stacking" due to lightly loaded diesel engines;
(p) Acts of nature or acts of God;
(q) Any failure, other than those resulting from a defect in material or factory workmanship of the Product;
(r) Use of the Product for purposes other than those for which it was intended, including without limitation use of the Product under extraordinary operating conditions not made known to RRSA in writing at the time of the order; or
(s) Material provided by or a design specified by the Owner.

6. Software Warranty. Where software is included in the Product, RRSA warrants to the Owner that 1) the software will be substantially free from material program errors and material defects in material and workmanship, and that 2) it shall

function substantially in accordance with RRSA specification at the time of dispatch from the RRSA manufacturing facility. RRSA does not warrant that the software is error-free or free from "bugs" as commonly categorized by the computer industry. RRSA shall, during the Limited Warranty Period, endeavor to remedy at its cost, in its sole discretion, by repair or replacement of any material program errors or material defects of which Owner has promptly notified RRSA. RRSA, at its option, may elect to provide the most current software at no cost, and in such case RRSA will not cover the cost to install the applicable updated software. RRSA shall have no obligation with respect to any nonconformities resulting from unauthorized modifications to the software or any Owner interfacing.

7. **Emissions Warranty.** The Product may be covered under an emissions warranty specified by the U.S. Environmental Protection Agency and/or the California Air Resources Board. The terms of the warranty, if applicable, may be accessed by following the link: https://www.mtu-solutions.com/eu/en/technical-information/emissions-warranty.html. Any such Emissions Warranty is incorporated herein by reference in its entirety to the extent and with the same force as if fully set forth herein. The Product, if certified, may only be certified to comply with the required country or region-specific emission regulations. Where applicable, the Product is only certified to those specific emission regulations/standards which are clearly stated in the respective RRSA defined technical specifications. IT IS THE OWNER'S SOLE RESPONSIBILITY TO ENSURE THAT THE EXPORT/IMPORT, INSTALLATION, AND USE OF THE PRODUCT(S) COMPLIES WITH THE APPLICABLE EMISSION REGULATIONS IN THE COUNTRY OR REGION WHERE THE PRODUCT(S) WILL BE USED.

8. The Owner is entitled to rectify the defect or to have it rectified by third parties only in urgent cases where operational safety is at risk or in order to prevent disproportionately extensive damage; provided that Owner has informed RRSA and obtained prior written consent from RRSA. In such cases, RRSA shall, in its sole discretion, reimburse the costs incurred by the Owner up to an amount equivalent to the costs RRSA would have incurred had it remedied the defect itself.

9. This Limited Warranty gives the Owner specific legal rights, and the Owner may also have other rights, which vary from state to state. Some states do not allow warranty duration limitations and/or certain exclusions or limitation of incidental or consequential damages. Therefore, the previously expressed exclusion(s) may not apply to Owner. If any one or more of the provisions contained in this Limited Warranty shall be invalid, illegal, or unenforceable in any respect, the validity, legality, or enforceability of the remaining provisions contained therein shall not in any way be affected or impaired thereby.

10. This Limited Warranty is governed by the laws of the State of Michigan without regard to its conflicts of law principles and excluding the United Nations Convention for the International Sale of Goods. Any and all disputes between the parties that may arise pursuant to the sale or use of the Product shall be heard and determined before an appropriate state of federal court located in Oakland County, Michigan. The Owner acknowledges that such court has the jurisdiction to interpret and enforce the provisions herein, and Owner waives any and all objections that it may have as to personal jurisdiction or venue in any of the above courts.

11. In order to obtain performance of an RRSA warranty obligation, the Owner should contact the nearest RRSA authorized distributor, dealer, or service outlet for instructions. To find the location of the nearest RRSA authorized distributor, dealer, or service outlet call +1 248-560-8000 or write to: Rolls-Royce Solutions America Inc. Warranty Department, 39525 MacKenzie Drive, Novi, MI 48377.

Power Solutions International, Inc.
201 Mittel Drive
Wood Dale, IL 60191
www.psiengines.com

0 Hour Non-Deteriorated Emissions Data for Permitting Customers

PSI EPA Engine Family XPSIB8.80EMT "X" denotes generic model year

PSI Engine Model Description PSI-8.8L Turbo Emergency Stationary

	8.8L Turbo LPG	8.8L Turbo NG
Displacement	8.8L	8.8L
Test Speed (rpm)	1800	1800
	g/KW-hr	**g/HP-hr**
BSCO	1.297	0.215
BSCO2	761.1	454.87
BSCH4	NA	0.048
BSTHC	0.028	NA
BSNMHC	NA	0.002
BSNOx	0.019	0.025
BSTHC+NOx	0.047	NA
BSNMHC+NOx	NA	NA
BSFC (kg/kw-hr)	0.253	0.211

Weighted compositie emissions from ISO 8178 D2 (LPG) & D1 (NG) test cycles
BSFC is the weighted composite fuel consumption over the emission test cycle
LPG Emission Data Units in g/KW-hr
NG Emission Data Units in g/HP-hr

SK36231A

PREP RED FOR:
Inters ate P wer Systems

QUOTE: GCP-031121-1001

APPLICATION INFORMATION

Driver:	Engine
Make:	MTU
Model:	8.8L
Horsepower:	262
RPM:	1800
Compression Ratio:	10.0:1
Exhaust Flow Rate:	1176
Exhaust Temperature:	1200
Reference:	MTU Spec
Fuel:	Gas
Annual Operating Hours:	8760

EQUIPMENT

Housing	EAS-1450-0505F-2C4E
	14.5" Combo Housing, Critical Grade Silencer
	2 Element Capacity, Carbon Steel Construction
	5" Bottom Inlet, 5" End Outlet
Mounting	14.5" Wrap Around Bracket
Catalyst	RE-1450-T NSCR, Round 14.5"x3.5"
Elements Required	(2) Elements Required to meet Reductions
Minimum Exhaust Temp	1000*F

UNCONTROLLED EMISSIONS DATA

	g/bhp-hr
NOx:	N/A
CO:	N/A
THC:	N/A
NMHC:	N/A
NMNEHC:	N/A
HCHO:	N/A
Oxygen:	0.50%

POST CATALYST EMISSIONS DATA

	g/bhp-hr
NOx:	< 1.00
CO:	< 2.00
VOC:	< 0.70

Jason Martindale
Direct:505.592.131
jmartindale@emittechnologies.com

PREPARE FOR:
Interstate Power Systems

QUOTE: GCP-031121-1001

ITEM #	*DESCRIPTION*	*QUANTITY*
1001-01	EAS-1450-0505F-2C4E Combo Housing	1
1001-02	14.5" Wrap Around Brackets	2
1001-03	RE-1450-T 14.5" NSCR Catalyst Element	2

WARRANTY

EMIT Technologies,Inc. warrants that the goods supplied will be free from defects in workmanship by EMIT Technologies, Inc. for a period of one (1) year from date of shipment. EMIT Technologies, Inc. will not be responsible for any defects which result from improper use, neglect, failure to properly maintain or which are attributable to defects, errors or omissions in any drawings, specifications, plans or descriptions, whether written or oral, supplied to EMIT Technologies, Inc. by Buyer.

Catalyst performance using an EMIT Air/Fuel ratio controller is dependent upon properly defined set-points, variable with engine and fuel gas composition. Air/fuel ratio controller performance is guaranteed, but not limited, to fuel gas with an HHV content of 1400 BTU/SCF.

Catalyst performance will be guaranteed for a period of 2 years from installation, or 17,000 operating hours, whichever comes first. The catalyst shall be operated with an automatic air/fuel ratio controller. The performance guarantee shall not cover the effects of excessive ash masking due to operation at low load, improper engine maintenance, or inappropriate lubrication oil. The performance guarantee shall not cover the effects of continuous engine misfires (cylinder or ignition) exposing the catalyst to excessive exothermic reaction temperatures.

Unless otherwise stated the exhaust temperature operating range at the converter inlet is 600°F minimum for oxidation catalyst and 750°F for NSCR catalyst and 1250°F maximum.

If a high temperature shut down switch is not installed, thermal deactivation of catalyst at temperatures above 1300 °F is not covered.

The catalyst conversion efficiencies (% reduction) will be guaranteed for engine loads of 50 to 100 percent.

Engine lubrication oil shall contain less than 0.6% ash (by weight) with a maximum allowable specific oil consumption of 0.01 gal/bhp-hr. The maximum ash loading on the catalyst shall be limited to 350 g/m3. Phosphorous and zinc additives are limited to 0.03% (by weight).

The catalyst must not be exposed to the following known poisoning agents, including: iron, nickel, sodium, chromium, arsenic, zinc, lead, phosphorous, silicon, potassium, magnesium, copper, tin, and mercury. Total poison concentrations in the gas are limited to 0.3 ppm.

Shipment - Promised shipping dates are approximate and are not guaranteed and are from the point of manufacture. EMIT Technologies,Inc. will not be liable for any loss, damage or delay in manufacture or delivery resulting from any cause beyond its control including, but not limited to a period equal to the time lost by reason of that delay. All products will be crated as per best practice to prevent any damage during shipment. Unless otherwise specified, Buyer will pay for any special packing and shipping requirements. Acceptance of goods by common carrier constitutes delivery to Buyer. EMIT Technologies,Inc. shall not be responsible for goods damaged or lost in transit.

PAYMENT TERMS AND ADVANCE PAYMENT REQUIREMENT

Terms: Credit is extended to purchaser for net 30 time period. If payment is not received in the net 30 timeframe, interest on the unpaid balance will accrue at a rate of 1.5% per month from the invoice date.

Advance Payment Requirement: Proposals with a project value of $100,000 or greater, and 60 days or greater time to completion, will require an advance payment of 30% of the total value. The advance payment will be invoiced to the customer upon receipt of the customer's purchase order. Advance payment is due 30 days after the date of the invoice. If payment is not received in the net 30 timeframe, interest on the unpaid balance will accrue at teh rate of 1.5% per month from the invoice date. Failure to pay this invoice may delay completion of the project outlined in this proposal.

Order Cancellation Terms: Upon cancellation of an order once submittal of a Purchase Order has occurred, the customer will pay a 25% restocking fee for Catalyst Housings, Catalyst Elements, and Air/Fuel Ratio Controllers; 50% restocking fee for Cooler Top Solutions,Exhaust System Accessories, and other Custom Built Products; 100% of all associated shipping costs incurred by EMIT; 100% of all project expenses incurred by EMIT for Field Services.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2022 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT

OFFICE OF TRANSPORTATION AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105

Certificate Issued To: **Power Solutions International, Inc.**
(U.S. Manufacturer or Importer)

Certificate Number: **NPSIB8.80EMT-009**

Effective Date: 08/02/2021

Expiration Date: 12/31/2022

Byron J. Bunker, Division Director
Compliance Division

Issue Date: 08/02/2021

Revision Date: N/A

Manufacturer: Power Solutions International, Inc.
Engine Family: NPSIB8.80EMT
Mobile/Stationary Certification Type: Stationary
Fuel : LPG/Propane
Natural Gas (CNG/LNG)
Emission Standards :
Stationary Part 1048
NMHC + NOx (g/kW-hr) : 2.7
HC + NOx (g/kW-hr) : 2.7
CO (g/kW-hr) : 4.4
Part 60 Subpart JJJJ Table 1
CO (g/Hp-hr) : 4.0
VOC (g/Hp-hr) : 1.0
NOx (g/Hp-hr) : 2.0
Emergency Use Only : Y

Pursuant to Section 213 of the Clean Air Act (42 U.S.C. section 7547) and 40 CFR Part 60, 1065, 1068, and 60 (stationary only and combined stationary and mobile) and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform to applicable requirements and which represent the following nonroad engines, by engine family, more fully described in the documentation required by 40 CFR Part 60 and produced in the stated model year.

This certificate of conformity covers only those new nonroad spark-ignition engines which conform in all material respects to the design specifications that applied to those engines described in the documentation required by 40 CFR Part 60 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR Part 60. This certificate of conformity does not cover nonroad engines imported prior to the effective date of the certificate.

It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR 1068.20 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to revocation or suspension of this certificate for reasons specified in 40 CFR Part 60. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void *ab initio* for other reasons specified in 40 CFR Part 60.

This certificate does not cover large nonroad engines sold, offered for sale, or introduced, or delivered for introduction, into commerce in the U.S. prior to the effective date of the certificate.

South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

December 15, 2021

Mr. Mark Holt
Rolls-Royce Solutions America, Inc.
100 Power Dr.
Mankato, MN 56001

Dear Mark Holt,

The South Coast Air Quality Management District (South Coast AQMD) has extended Certified Equipment Permits (CEPs) to December 31, 2022 for the stationary emergency internal combustion (IC) engine models listed in the attached table. However, please be reminded that many of these certified diesel-fueled IC engines may not meet Rule 1470 requirements if installed at or near a sensitive receptor or near school grounds and, therefore, may require an aftertreatment system such as a diesel particulate filter in the exhaust stream.

Please note that the South Coast AQMD does not endorse or warrant any specific equipment or manufacturer. Modification of the equipment listed here will void this certification.

If you have additional questions or need further clarification on the CEP program, please feel free to contact CJ Chang at (909) 396-3293, cchang@aqmd.gov; or Susan Tsai at (909) 396-2529, stsai@aqmd.gov.

Sincerely,

David Ono
Senior Engineering Manager
Engineering and Permitting

DO:GI:ST:CC

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Certified ICE-Emergency Generators

Rolls-Royce Solutions America, Inc.

Engine Mfg.	Model	Engine Rating	Appl. No.
MTU America	10V1600G80S	752 BHP	578846
MTU America	18V2000G76S	1839 BHP	578847
Mercedes-Benz	OM 924 LA	197.1 BHP	580124
Mercedes-Benz	OM 926 LA	331.2 BHP	580125
MTU America	6R1600G70S	419 BHP	518630
MTU America	6R1600G80S	460 BHP	518631
MTU America	8V1600G70S	548 BHP	518632
MTU America	8V1600G80S	601 BHP	518633
MTU America	12V1600G70S	822 BHP	503822
MTU America	12V1600G80S	896 BHP	503820
MTU America	12V2000G45 TB/TD (R1238A37)	952 BHP	495350
MTU America	12V2000G85 TB/TD (R1238A37)	1086 BHP	495342
MTU America	16V2000G45 TB/TD (R1638A37)	1227 BHP	495344
MTU America	16V2000G85 TB/TD (R1638A37)	1354 BHP	495345
MTU America	G43D (20V-4000 G43 3D, 20V-4000 G83 3B)	3674 BHP	470538
MTU America	G83L (20V-4000 G83L)	4680 BHP	470536
MTU America	G83L (20V-4000 G83L, 20V-4000 G83 3D)	4036 BHP	470537
MTU America	T1238A36 (12V-4000 G83)	2561 BHP	470532
MTU America	T1238A36 (12V-4000 G83, 12V-4000 G43)	2328 BHP	470534
MTU America	T1638A36 (16V-4000 G83 3D)	3353 BHP	470533
MTU America	T1638A36 (16V-4000 G43 3D, 16V-4000 G83 3B)	3058 BHP	608239

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Certified ICE-Emergency Generators

Rolls-Royce Solutions America, Inc.

Engine Mfg.	Model	Engine Rating	Appl. No.
MTU America	12V2000G45TB	1045 BHP	551794
MTU America	12V2000G85TB	1194 BHP	608240
MTU America	16V2000G45TB	1354 BHP	551796
MTU America	16V2000G85TB	1495 BHP	551797
MTU America	16V4000G83L	3674 BHP	551792
MTU America	16V2000G86S	1839 BHP	608241
MTU America	10V1600G70S	685 BHP	602447
MTU America	12V4000G14S	2038 BHP	608244
MTU America	12V4000G24S	2328 BHP	608247
MTU America	12V4000G74S	2328 BHP	608248
MTU America	12V4000G84S	2561 BHP	608249
MTU America	16V4000G14S	2709 BHP	608250
MTU America	16V4000G24S	3058 BHP	608251
MTU America	20V4000G64S	3674 BHP	608253
MTU America	20V4000G44S	4036 BHP	608260
MTU America	16V4000G74S	3058 BHP	608263
MTU America	20V4000G94S	4680 BHP	608264
MTU America	20V4000G74S	4036 BHP	608265
MTU America	20V4000G24S	3674 BHP	608267
MTU America	20V4000G14S	3339 BHP	608268
MTU America	16V4000G84S	3353 BHP	608269
MTU America	16V4000G94S	3674 BHP	608270

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Certified ICE-Emergency Generators

Rolls-Royce Solutions America, Inc.

Engine Mfg.	Model	Engine Rating	Appl. No.
Power Solutions Int'l (PSI)	8800CAC (LPG)	230.12 BHP	629447
Power Solutions Int'l (PSI)	8800CAC (Nat Gas)	261.47 BHP	629474
Rolls-Royce	20V4000G94S	4680 BHP	630151
Rolls-Royce	20V4000G74S	4036 BHP	630155
Rolls-Royce	16V4000G74S	3058 BHP	630156
Rolls-Royce	20V4000G44S	4036 BHP	630157
Rolls-Royce	20V4000G24S	3674 BHP	630159
Rolls-Royce	20V4000G14S	3339 BHP	630162
Rolls-Royce	18V2000G76S	1839 BHP	630163
Rolls-Royce	16V4000G94S	3674 BHP	630164
Rolls-Royce	16V4000G84S	3353 BHP	630165
Rolls-Royce	16V4000G74S	3058 BHP	630166
Rolls-Royce	16V4000G24S	3058 BHP	630167
Rolls-Royce	16V4000G14S	2709 BHP	630168
Rolls-Royce	16V2000G86S	1839 BHP	630169
Rolls-Royce	12V4000G74S	2328 BHP	630170
Rolls-Royce	12V4000G24S	2328 BHP	630171
Rolls-Royce	12V4000G14S	2038 BHP	630172
Rolls-Royce	10V1600G80S	752 BHP	630215
Rolls-Royce	10V1600G70S	685 BHP	630216
Rolls-Royce	12V1600G80S	896 BHP	630223
Rolls-Royce	12V1600G70S	822 BHP	630225
Rolls-Royce	12V4000G84S	2561 BHP	608227

Rolls-Royce Solutions America Inc.

39525 MacKenzie Dr.
Novi, MI 48377, USA
T +1 248 560 8000

660 Bettis Academy Rd.
Graniteville, SC 29829, USA
T +1 803 663 8831

100 Power Dr.
Mankato, MN 56001, USA
T +1 507 625 7973

09/03/2021

The attached South Coast Air Quality Management District Certified Equipment Permits (CEP) are for the Power Solutions International (PSI) PSI 8.8 L TCAC engine used in the Rolls-Royce Solutions America Inc. Genset model No. 8V0110 GS150. The PSI engine model No. in the SCAQMD permits is 8800CAC. This is the 8.8 L TCAC engine; However, the PSI US EPA certificate of conformity application uses the model No. 8800CAC and therefore this is the model No. information which must be provided in the SCAQMD CEP.

SCAQMD now requires separate permits for the same engine if the power ratings are different therefore there are two permits for the PSI engine model No. 8800 CAC (8.8 L TCAC). One if for the engine using natural gas (NG) fuel and the other permit if for the engine running on liquid propane gas (LPG).

Mark Holt

Emissions Expert
Rolls-Royce Solutions America Inc..
100 Power Drive
Mankato, MN 56001

South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178

Application or CEP No.
629447
Page 1

CERTIFIED EQUIPMENT PERMIT (CEP)
(NOT A PERMIT TO CONSTRUCT OR OPERATE)

Granted on August 25, 2021

ID 180910

Legal Owner or Operator: Rolls-Royce Solutions America, Inc.
39525 MacKenzie Dr.
Novi, MI 48377
Attn: Mark Holt

Equipment Location: SAME AS ABOVE

The equipment described below and as shown on the approved plans and specifications are subject to the special condition or conditions listed.

Equipment Description

Internal Combustion Engine, Power Solutions International (PSI), Model No. 8800CAC, LPG-Fueled, 8-Cylinder, Turbocharged and Aftercooled, Rated at 230.12 BHP, Equipped with Air/Fuel Ratio Controller and Three-Way Catalyst, Driving an Emergency Electrical Generator.

Manufacturer Condition

1. **This Certified Equipment Permit (CEP) is not a Permit to Construct or Operate.** The person constructing, installing or operating the equipment at each specific site shall obtain all necessary permit(s) to construct and permit(s) to operate and comply with any other District rules and regulations including the requirements of Regulation XIII.

End User Conditions

1. Operation of this equipment shall be in compliance with all data and specifications submitted with the application under which this permit was issued, unless otherwise noted below.

2. This equipment shall be properly maintained and kept in good operating condition at all times.

3. This engine shall be fired with LPG only.

ORIGINAL

South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178

CERTIFIED EQUIPMENT PERMIT (CEP)
(NOT A PERMIT TO CONSTRUCT OR OPERATE)

4. The engine shall not be operated unless its exhaust is vented to the non-selective catalytic reduction unit which is in full operation and which is in good operating condition at all times.

5. The engine shall not be operated without the use of an air-to-fuel ratio controller which shall be maintained and kept in proper operating condition at all times.

6. This engine shall not be operated more than 200 hours in any one year, which includes no more than 50 hours in any one year and no more than 4.2 hours in any one month for maintenance and testing purposes

7. An operational non-resettable totalizing timer shall be installed and maintained to indicate the engine elapsed operating time.

8. The operation of this engine beyond 50 hours per year allotted for engine maintenance and testing shall be allowed only during emergencies resulting in an interruption of service of the primary power supply or during stage II or III electrical emergencies declared by the electrical grid operator. This engine may be used as part of an interruptible electric service program.

9. The operator shall maintain accurate maintenance records of the date of catalyst cleaning or replacement, oxygen sensor replacement, and their associated total hour reading on the non-resettable totalizing time meter, to determine the engine elapsed operating time, and records of engine tune-ups.

10. The operator shall keep a log of engine operations documenting the total time the engine is operated each month and specific reason for operation as:

    A. Emergency use.
    B. Maintenance and testing.
    C. Other (describe the reason for operating).

    In addition, each time the engine is manually started, the log shall include the date of operation, the specific reason for operation, and the totalizing hour meter reading (in hours and tenths of hours) at the beginning and end of operation.

11. On or before January 15th of each year, the operator shall record in the engine operating log the following:

    A. The total hours of operation for the previous calendar year, and
    B. The total hours of engine operation for maintenance and testing for the previous calendar year.

South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178

CERTIFIED EQUIPMENT PERMIT (CEP)
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Engine operating log shall be retained on site for a minimum of five calendar years and shall be made available to the Executive Officer or representative upon request.

12. This engine shall comply with the NMHC, NOx, CO, and PM emission limits to be determined at the time of issuance of the end-user permit.

13. Sulfur content of LPG fuel supplied to the engine shall not exceed 40 ppm by volume measured over a 4-hour average period.

14. This engine shall be operated in compliance with all applicable requirements of the Code of Federal Regulations Title 40 Part 60 Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engine.

Please notify CJ Chang at (909) 396-3293 (cchang@aqmd.gov) when South Coast AQMD information packets are needed or if you have any questions concerning the Certification/Registration Program.

This Certified Equipment Permit is based on the plans, specifications, and data submitted as it pertains to the release of air contaminants and control measures to reduce air contaminants. No approval or opinion concerning safety and other factors in design, construction or operation of the equipment is expressed or implied.

This Certified Equipment Permit will become invalid if this application is cancelled. THIS PERMIT SHALL EXPIRE ON December 31, 2021 unless an extension is granted by the Executive Officer.

By _____

GEORGE ILLES
Supervising Air Quality Engineer

ORIGINAL

South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178

CERTIFIED EQUIPMENT PERMIT (CEP)
(NOT A PERMIT TO CONSTRUCT OR OPERATE)

Engine operating log shall be retained on site for a minimum of five calendar years and shall be made available to the Executive Officer or representative upon request.

12. This engine shall comply with the NMHC, NOx, CO, and PM emission limits to be determined at the time of issuance of the end-user permit.

13. Sulfur content of natural gas fuel supplied to the engine shall not exceed 16 ppm by volume.

14. This engine shall be operated in compliance with all applicable requirements of the Code of Federal Regulations Title 40 Part 60 Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engine.

Please notify CJ Chang at (909) 396-3293 (cchang@aqmd.gov) when South Coast AQMD information packets are needed or if you have any questions concerning the Certification/Registration Program.

This Certified Equipment Permit is based on the plans, specifications, and data submitted as it pertains to the release of air contaminants and control measures to reduce air contaminants. No approval or opinion concerning safety and other factors in design, construction or operation of the equipment is expressed or implied.

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By _____

GEORGE ILLES
Supervising Air Quality Engineer

ORIGINAL

MTU ONSITE ENERGY GS150 LP VAPOR GENERATOR
GENERATOR: 130 kW, 130kVA, 541 amps, 1800 RPM
VOLTAGE: 120/240v 1 phase
ENGINE: PSI 8.8, LP Vapor, EPA Certified

Selected Features Included:
Steel Sub Base, Battery Cables, Battery Rack, Flex Fuel Connector, Oil Drain Extension, Lube Oil and Anti-freeze
Electronic Isochronous Governor + / - .25%
UL2200 Listed, Prototype Tested, Factory Tested
130 Degree Rise Standby Alternator, Permanent Magnet
2 Year / 3,000 Hour Standby Limited Warranty

CONTROL PANEL: Basler DGC-1510 Control Panel
The expanded Digital Genset Controller utilizes microprocessor based technology to provide a versatile system for genset control, protection, monitoring and event logging. 4 Relay Board.

ENCLOSURE: Level 2 Sound Attenuated Weatherproof Enclosure includes bolt together sheet metal enclosure constructed with 14-gauge material, lockable hinged doors, keyed alike, a fixed storm proof air intake louver and expanded metal air discharge, muffler support brackets and exhaust piping allowing the muffler to be mounted internally, including rain cap. 79 dBA at 23'.

COOLING SYSTEM: Unit Mounted Radiator, 50 Degree Rise

CIRCUIT BREAKER: Square D, 80% rated, LSI, 2-400 Amps

BATTERY: Lead Acid Battery, Acid Resistant Steel Rack

BLOCK HEATER: 2,000 Watts, Mounted and Wired, Isolation Valves

VIBRATION ISOLATION: Neoprene Vibration Pads, Integral Vibration Isolation

BATTERY CHARGER: 12v, 6 Amps, mounted and wired

MUFFLER: Critical Grade Muffler Mounted Inside Enclosure

MISC: One Owner's Manual, Standard Color ANSI Gray

CONTROL EQUIPMENT

Catalyst Housing
Model: EAS-1200-0404F-2C4E
Manufacturer: EMIT Technologies, Inc
Element Size: Round 12" x 3.5"
Housing Type: 2 Element Capacity
Catalyst Installation: Accessible Housing
Construction: 10 gauge Carbon Steel
Sample Ports: 6 (0.5" NPT)
Inlet Connections: 4" Flat Face Flange
Outlet Connections: 4" Flat Face Flange
Configuration: Side In / End Out
Silencer: Integrated
Silencer Grade: Critical
Insertion Loss: 25-30 dBA
Catalyst Element
Model: RE-1200-T
Catalyst Type: NSCR, Standard Precious Group Metals
Substrate Type: BRAZED
Manufacturer: EMIT Technologies, Inc
Element Quantity: 1
Element Size: Round 12" x 3.5"

Gas Generator Set

mtu 8V0110 GS150

150 kWe/60 Hz/Standby/208 - 600V

System ratings

Voltage (L-L)	240V †	240V †	208V †	240V †	480V †	600V	380V †
Phase	1	1	3	3	3	3	3
PF	1	1	0.8	0.8	0.8	0.8	0.8
Hz	60	60	60	60	60	60	60
Natural Gas (NG)							
Amps	625	625	520	451	226	180	285
kW/kVA	150/150	150/150	150/187.5	150/187.5	150/187.5	150/187.5	150/187.5
Liquid Propane (LP)							
Amps	542	542	451	391	195	156	247
kW/kVA	130/130	130/130	130/162.5	130/162.5	130/162.5	130/162.5	130/162.5
NG and LP							
skVA@30% voltage Dip	196	187	296	296	394	315	282
Generator model	431PSL6224	431CSL6206	431PSL6202	431PSL6202	431PSL6202	431CSL6240	431PSL6204
Temp rise	130 °C/40 °C	130 °C/40 °C	130 °C/40 °C	130 °C/40 °C	130 °C/40 °C	130 °C/40 °C	130 °C/40 °C
Connection	4 LEAD	12 LEAD DOUBLE DELTA	12 LEAD WYE	12 LEAD DELTA	12 LEAD WYE	4 LEAD WYE	12 LEAD WYE

† UL 2200 offered

Note: This unit is available with a dual fuel configuration.

Certifications and standards

- Generator set is designed and manufactured in facilities certified to standards ISO 9001:2008 and ISO 14001:2004
- Seismic certification – optional
  - 2018 IBC certification
  - OSHPD pre-approval
- UL 2200 – optional (refer to *System ratings* for availability)
- CSA – optional
  - CSA C22.2 No. 100
  - CSA C22.2 No. 14
- Performance Assurance Certification (PAC)
  - Generator set tested to ISO 8528-5 for transient response
  - Verified product design, quality and performance integrity
  - All engine systems are prototype and factory tested
- Power rating
  - Accepts rated load in one step per NFPA 110

A Rolls-Royce solution

Standard features *

- Single source supplier
- Global product support
- Two (2) Year/3,000 Hour Basic Limited Warranty
- PSI 8.8L TCAC engine
  - 8.8 liter displacement
  - 4-cycle
- 3-way catalyst
- Optional fuels: LP liquid and dual fuel
- Engine-generator resilient mounted
- Complete range of accessories
- Cooling system
  - Integral set-mounted
  - Engine-driven fan
- Generator
  - Brushless, rotating field generator
  - 2/3 pitch windings
  - 300% short circuit capability
- Digital control panel(s)
  - UL recognized, CSA Certified, NFPA 110
  - Complete system metering
  - LCD display

Standard equipment *

Engine

- Air cleaner
- Oil pump
- Oil drain extension and shut-off valve
- Full flow oil filter
- Jacket water pump
- Thermostat
- Blower fan and fan drive
- Radiator - unit mounted
- Electric starting motor - 12V
- Governor - electronic isochronous
- Base - formed steel
- SAE flywheel and bell housing
- Charging alternator - 12V
- Battery rack and cables
- Flexible exhaust connection
- Liquid cooled, ball bearing turbcharger
- EPA certified engine

Generator

- NEMA MG1, IEEE, and ANSI standards compliance for temperature rise and motor starting
- Sustained short circuit current of up to 300% of the rated current for up to 10 seconds
- Self-ventilated
- Superior voltage waveform
- Solid state, volts-per-hertz regulator
- ± 1% voltage regulation no load to full load
- Brushless alternator with brushless pilot exciter
- 4 pole, rotating field
- 130 °C maximum standby temperature rise
- 1-bearing, sealed
- Flexible coupling
- Full amortisseur windings
- 125% rotor balancing
- 3-phase voltage sensing
- 100% of rated load - one step
- 5% maximum total harmonic distortion

Digital control panel(s)

- Digital metering
- Engine parameters
- Generator protection functions
- Engine protection
- SAE J1939 engine ECU communications
- Windows®-based software
- Multilingual capability
- Communications to remote annunciator
- Programmable input and output contacts
- UL recognized, CSA certified, CE approved
- Event recording
- IP 54 front panel rating with integrated gasket
- NFPA 110 compatible

* Represents standard product only. Consult your local ***mtu*** Distributor for additional configurations.

Application data

Engine	
Manufacturer	PSI
Model	8.8L TCAC
Type	4-cycle
Aspiration	turbocharged, intercooled
Arrangement	8-V
Displacement: L (in³)	8.8 (535)
Bore: cm (in)	11.05 (4.35)
Stroke: cm (in)	11.43 (4.5)
Compression ratio	10:1
Rated rpm	1,800
Engine governor	Bosch
Maximum power (NG): kWm (bhp)	195.0 (261.5)
Maximum power (LP): kWm (bhp)	171.6 (230.1)
Steady state frequency band	± 0.75%
Air cleaner	dry

Liquid capacity	
Total oil system: L (gal)	9.0 (2.38)
Engine jacket water capacity: L (gal)	13.4 (3.5)
System coolant capacity: L (gal)	25.5 (6.7)

Electrical	
Electric volts DC	12
Cold cranking amps under -17.8 °C (0 °F)	925
Batteries: group size	31
Batteries: quantity	1

Fuel inlet - vaporous supply	
Fuel supply connection size	2" NPT
Fuel supply pressure: mm H_2O (in. H_2O)	178–279 (7–11)

Fuel inlet - liquid supply	
Fuel supply connection size	#6 (3/8") female SAE 45° flare
Maximum fuel supply pressure: kPa (PSI)	2,150 (312)

Fuel consumption (NG-1000 BTU/ft³ / LP-2500 BTU/ft³)	NG	LPG
At 100% of power rating: m³/hr (ft³/hr)	56.2 (1,986)	19.7 (695)
At 75% of power rating: m³/hr (ft³/hr)	43.9 (1,549)	15.1 (534)
At 50% of power rating: m³/hr (ft³/hr)	31.8 (1,121)	11.0 (389)

Cooling - radiator system	NG and LPG
Ambient capacity of radiator: °C (°F)	48 (118.4)*
Maximum restriction of cooling air: intake and discharge side of radiator: kPa (in. H_2O)	0.12 (0.5)
Water pump capacity: L/min (gpm)	125 (33.0)
Heat rejection to coolant: kW (BTUM)	88.3 (5,021)
Heat radiated to ambient: kW (BTUM)	41.1 (2,337)
Heat rejected to charge air cooler: kW (BTUM)	13.8 (782)
Fan power: kW (hp)	11.9 (16.0)

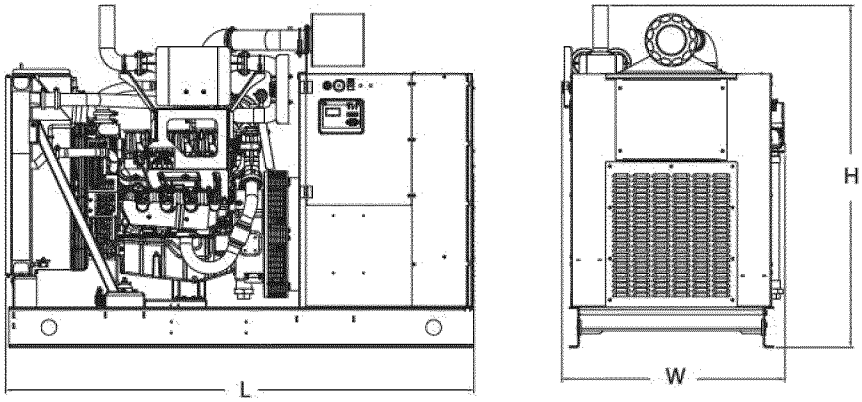
* Installation of gravity exhaust louvers reduces the ambient capacity of the cooling system by an additional 3 °C (5.5 °F).

Air requirements	NG and LPG
Aspirating: *m³/min (SCFM)	10.33 (365)
Air flow required for radiator cooled unit: *m³/min (SCFM)	229.8 (8,115)
Remote cooled applications; air flow required for dissipation of radiated generator set heat for a maximum of 25 °F rise: *m³/min (SCFM)	211.6 (7,473)

* Air density = 1.184 kg/m³ (0.0739 lbm/ft³)

Exhaust system	NG and LPG
Gas temperature (stack): °C (°F)	649 (1,200)
Gas volume at stack temperature: m³/min (CFM)	33.3 (1,176)
Maximum allowable back pressure at outlet of engine, before piping: kPa (in. H_2O)	10.2 (41)

Weights and dimensions



Drawing above for illustration purposes only, based on standard open power 480 volt generator set. Lengths may vary with other voltages. Do not use for installation design. See website for unit specific template drawings.

System	Dimensions (L x W x H)	Weight
Open Power Unit (OPU)	2,388 x 1,137 x 1,740 mm (94 x 44.8 x 68.5 in)	1,520–1,800 kg (3,350–3,950 lb)

Weights and dimensions are based on open power units and are estimates only. Consult the factory for accurate weights and dimensions for your specific generator set.

Sound data

Unit type	Standby full load (NG)	Standby full load (LP)
Level 0 (OPU): dB(A)	86.5	86.6

Sound data is provided at 7 m (23 ft). Generator set tested in accordance with ISO 8528-10 and with infinite exhaust.

Emissions data

Fuel type	THC + NO_x	CO
Natural gas	N/A	0.22
Liquid propane	0.035	0.95

— All units are in g/hp-hr and are EPA weighted cycle values. Emission levels of the engine may vary with ambient temperature, barometric pressure, humidity, fuel type and quality, installation parameters, measuring instrumentation, etc. The data was obtained in compliance with US EPA regulations.

Rating definitions and conditions

— Standby ratings apply to installations served by a reliable utility source. The standby rating is applicable to varying loads for the duration of a power outage. No overload capability for this rating. Ratings are in accordance with ISO 3046-1, BS 5514, and AS 2789. Average load factor: ≤ 85%.
— Nominal ratings at standard conditions: 25 °C and 300 meters (77 °F and 1,000 feet).
— Deration factor:
  - Consult your local ***mtu*** Distributor for altitude derations.
  - Consult your local ***mtu*** Distributor for temperature derations.

C/F = Consult Factory/***mtu*** Distributor

Subject to change | 231262 | 2021-05

Digital Generator Set Controller Data Sheet

MGC-1500 Series

The MGC-1500 Series controllers include the following models which are described throughout this document.*

— MGC-1510
— MGC-1520

MGC Series Generator Set Controllers are rugged, reliable, and easy-to-use digital generator set control systems. The MGC-1500 Series is perfectly focused, combining rugged construction and microprocessor technology to offer a product that will hold up to almost any environment and is flexible enough to meet your application's needs.



PRODUCT HIGHLIGHTS

— Three-phase generator metering
— Engine metering
— Generator set control
— Engine and generator protection
— BESTCOMS*Plus*®
  - Windows®-based software for optional remote operation (Software can be downloaded at www.mtu-solutions.com)
  - Programming and setup software
  - Intuitive and powerful
  - Remote control and monitoring
  - Programmable logic
  - USB communications
— Suitable for rental generator sets with high/low sensing, single or three phase override, wye/delta/grounded delta configurable, and alternate frequency override (50/60 Hz)
— Resistive sender inputs for oil pressure and coolant temperature
— Multilingual capability
— SAE J1939 Engine Control Unit (ECU) communications (Refer to *Configuration Options*)
— Remote annunciation with RDP-110
— Event recording (up to 30 events in non-volatile memory)
— Extremely rugged, fully potted design
— Seven programmable contact inputs with Input 1 programmed to recognize an emergency stop
— Start, run, and prestart relays with four programmable outputs
— UL recognized, CSA certified, CE approved
— IP56 rating per IEC 60529
— NFPA-110 compatible
— Microprocessor based
— Complete system metering
— Expandable to meet customer needs

* Please refer to the last page of this data sheet for available MGC-1500 series configuration options. The MGC Series Controller Comparison Data Sheet is a available as a reference for all MGC series configuraton options..

MGC-1500 Series Digital Generator Set Controller Data Sheet

DIAGRAM

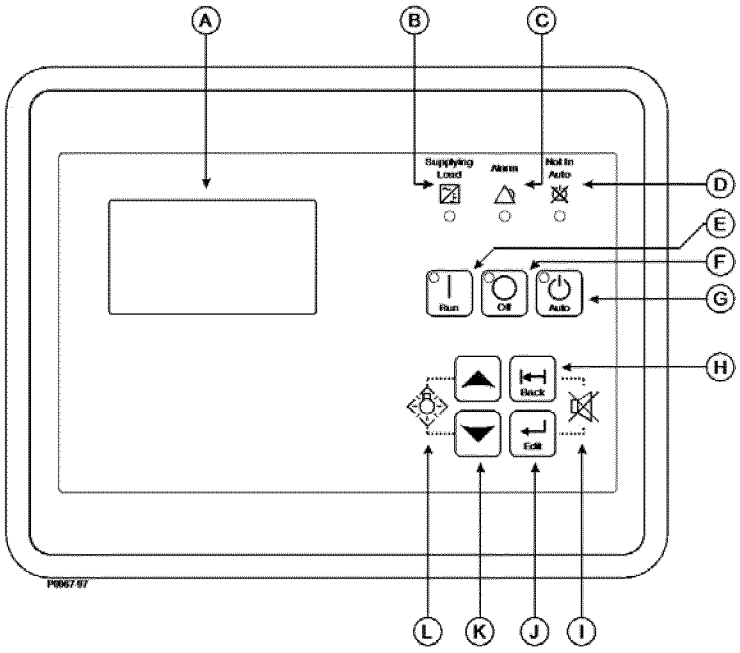


Figure 1: Front Panel Descriptions

A. Liquid crystal display
B. Supplying load indicator
C. Alarm indicator
D. Not in auto indicator
E. Run pushbutton and mode indicator
F. Off pushbutton and mode indicator
G. Auto pushbutton and mode indicator
H. Back pushbutton
I. Alarm silence pushbutton combination
J. Edit pushbutton
K. Arrow pushbuttons
L. Lamp test pushbutton combination

FUNCTIONS

Generator set protection

Generator ANSI codes
– Overvoltage (59)
– Overfrequency (81O)
– Voltage phase imbalance (47)
– Undervoltage (27)
– Underfrequency (81U)
– Overcurrent (50)

All generator set protection features are programmable as alarms, pre-alarms, status, or not used.

Alarms (shutdowns)
– Low oil pressure
– High coolant temperature
– Low coolant temperature
– Overspeed
– Overcrank
– Coolant temp sender fail (non-ECU engines)
– Oil pressure sender fail (non-ECU engines)
– Emergency stop
– Critical low fuel level (refer to *Configuration Options*)

Pre-alarms (warnings)
– Low oil pressure
– Low coolant temperature
– Weak battery voltage
– Low fuel level
– High fuel level
– High coolant temperature
– Battery overvoltage

All alarms and pre-alarms can be enabled or disabled via the BESTCOMSPlus® PC software or the front panel.
Additional custom alarms and pre-alarms are available upon request.

FUNCTIONS, continued

Generator set metering
- Generator parameters include voltage, current, real power (watts), apparent power (VA), and power factor. The view can be programmed to display up to 20 parameters using the scrolling and time delay feature.
- Engine parameters include oil pressure, coolant temperature, RPM, battery voltage, fuel level, engine runtime, and various SAE J1939 supported parameters.

Engine control
- Cranking control: cycle or continuous (quantity and duration fully programmable)
- Engine cooldown: smart cooldown function saves time and fuel
- Successful start counter: counts and records successful engine starts
- Timers:
  - Engine cooldown timer
  - Engine maintenance timer
  - Pre-alarm time delays for weak/low battery voltage
  - Alarm time delay for overspeed
  - Alarm time delay for sender failure
  - Arming time delays after crank disconnect:
    - Low oil pressure
    - High coolant temperature
  - Pre-crank delay
  - Continuous or cycle cranking time delay
  - Programmable logic timers

Event recording
The MGC-1500 Series has an event recorder that provides a record of alarms, pre-alarms, engine starts, engine runtime loaded, engine runtime unloaded, last run date, and many other events that are all date and time stamped to help the user determine the cause and effect of issues related to the generator set. Contains up to 30 event records each retaining numerous occurrences in memory. Time, date, and engine hour detail are available for the most current 30 occurrences within each event record.

Transfer switch control (Mains failure)
(Refer to *Configuration Options*)

The MGC-1500 Series has the ability to detect a mains failure via a single- or three-phase bus input. A mains failure is established when any one of the following conditions are met:
- Any phase of bus voltage falls below the dead bus threshold
- Any phase of bus voltage is unstable due to overvoltage or undervoltage
- Any phase of bus voltage is unstable due to overfrequency or underfrequency

When conditions are met, the MGC-1500 Series will start the generator set and, when ready, will send generator and mains breaker commands to apply power to the load from the generator set. The MGC-1500 Series implements open or closed breaker transitions to and from the mains. When the mains returns and is considered stable, the MGC-1500 Series will transfer the load back to the mains and stop the engine.

USB port
The USB communication port can be used with BESTCOMS*Plus*® software to quickly configure an MGC-1500 Series with the desired settings or retrieve metering values and event log records.

Programmable logic
The MGC-1500 Series offers a very powerful, yet easy-to-use, programmable logic scheme, BESTlogic™*Plus*, for custom programming of the various inputs, outputs, alarms, and pre-alarms. It allows these elements to be integrated into a complete logic scheme so that the user can meet even the most complex specification. The Programmable logic control includes the selection of logic gates and timers with drag-and-drop technology to make it fast and simple.

Remote display panel annunciation
(Refer to *Configuration Options*)

The MGC-1500 Series can communicate to a remote display panel, Model RDP-110. This requires only two wires to annunciate many of the alarms and pre-alarms required by NFPA-110 Level I and II. External power is required.

SAE J1939 communications
(Refer to *Configuration Options*)

SAE J1939 CANBus communications allows the MGC-1500 Series to communicate with the ECU to gather critical engine information like oil pressure, engine coolant temperature, RPM, battery voltage, and much more. By utilizing the ECU, the addition of analog engine senders is no longer required. This can save substantial money for the installer. It also eliminates any errors or discrepancies between the ECU data and the data displayed on the MGC-1500 Series that may be present due to analog sender inaccuracies or incompatibility. An additional benefit is access to the ECU's diagnostic troubleshooting codes (DTCs). The DTCs provide information about the engine's operating conditions and communicate these via SAE J1939 to the MGC-1500 Series, eliminating the need for hand-held service tools to diagnose simple engine issues.

MGC-1500 Series Digital Generator Set Controller Data Sheet

SPECIFICATIONS

Operating power
- Nominal: 12 or 24 VDC
- Range: 6 to 32 VDC
- Power consumption:
  - Sleep mode: 4.5 W
  - Normal operational mode: 6.5 W - Run mode, LCD heater off, three relays energized
  - Maximum operational mode: 14 W - Run mode, LCD heater on, seven relays energized
  - Battery ride-through: Withstands cranking ride-through down to 0 V for 50 ms (typical)

Current sensing (5 Amp CT inputs)
- Continuous rating: 0.1 to 5.0 Aac
- One second rating: 25 Aac
- Burden: 1 VA

Voltage sensing
- Range: 12 to 576 V rms, line-to-line
- Frequency range: 10 to 72 Hz
- Burden: 1 VA
- One second rating: 720 V rms

Contact sensing/input contacts
Contact sensing inputs include one emergency stop input and seven programmable inputs. The emergency stop input accepts normally closed, dry contacts. The remote emergency stop is limited to 75 ft. standard. Extended runs are available with an optional relay. All programmable inputs accept normally open, dry contacts. The factory may utilize up to three of these inputs.

Engine system inputs
- Fuel level sensing resistance range: 5 to 250 Ω nominal
- Coolant temperature sensing resistance range: 5 to 2,750 Ω nominal
- Oil pressure sensing resistance range: 5 to 250 Ω nominal
- Engine speed sensing:
  - Magnetic pickup or CANBus
    - Magnetic pickup voltage range: 3 to 35 V peak (6 to 70 V peak to peak)
    - Magnetic pickup frequency range: 32 to 10,000 Hz

Output contacts
- (7) total outputs: (3) 5 A @ 28 VDC and (4) 2 A @ 28 VDC
- The factory utilizes the following on each generator set which can be reprogrammed as needed:
  - (3) 5 A @ 28 VDC for Pre-start, Start, and Run
  - (4) 2 A @ 28 VDC for general purpose

Metering
Generator voltage (rms)
- Metering range: 12 to 576 VAC (direct measurement), up to 9,999 VAC (with appropriate voltage transformer)
- Accuracy: ±1% of programmed rated voltage or ±2 VAC (subject to accuracy of voltage transformer when used)

Generator current (rms)
- Generator current is measured at the secondary windings of 5 A CTs.
- Metering range: 0 to 5,000 Aac
- CT primary range: 1-5,000 Aac, in primary increments of 1 Aac
- Accuracy: ±3% of programmed rated current or ±3 Aac (subject to accuracy of CTs)

Generator frequency
- Metering range: 10 to 72 Hz
- Accuracy: ±0.25% or 0.05 Hz

Apparent power
- Indicates total kVA and individual line kVA (four-wire, line-to-neutral or three-wire, line-to-line)
- Accuracy: ±5% of the full-scale indication or ±4 kVA

Power factor
- Metering range: 0.2 leading to 0.2 lagging
- Accuracy: ±0.02

Real power
- Indicates total kW and individual line kW (four-wire, line-to-neutral or three-wire, line-to-line)
- Accuracy: ±5% of the full-scale indication or ±4 kW

Oil pressure
- Metering range: 0 to 150 psi or 0 to 1,034 kPa
- Accuracy: ±3% of actual indication or ±2 psi or ±12 kPa (subject to accuracy of sender)

Coolant temperature
- Metering range: 0 °C to 204 °C (32 °F to 410 °F)
- Accuracy: ±3% or actual indication or ±2° (subject to accuracy of sender).

Fuel level
- Metering range: 0 to 100%
- Accuracy: ±3% (subject to accuracy of sender)

Battery voltage
- Metering range: 6 to 32 VDC
- Accuracy: ±3% of actual indication or ±0.2 VDC

Engine RPM
- Metering range: 0 to 4,500 rpm
- Accuracy: ±2% of actual indication or ±2 rpm

Engine run time
- Engine run time is retained in non-volatile memory
- Metering range: 0 to 99,999 h; update interval: 6 min
- Accuracy: ±1% of actual indication or ±12 min

SPECIFICATIONS, continued

Metering, continued

Maintenance timer
- Maintenance timer indicates the time remaining until generator set service is due. Value is retained in non-volatile memory.
- Metering range: 0 to 5,000 h; update interval: 6 min
- Accuracy: ±1% or actual indication or ±12 min

Generator protection functions

Overvoltage (59) and undervoltage (27)
- Pickup range: 70 to 576 VAC
- Activation delay range: 0 to 30 s

Overfrequency (81O) and underfrequency (81U)
- Pickup range: 45 to 66 Hz
- Pickup increment: 0.1 Hz
- Activation delay range: 0 to 30 s

Phase imbalance (47)
- Pickup range: 5 to 100 VAC
- Pickup increment: 1 VAC
- Activation delay range: 0 to 30 s
- Activation delay increment: 0.1 s

Overcurrent (51)
- Pickup range: 0.18 to 1.18 Aac (1 A current sensing)
- Time dial range: 0 to 7,200 s (fixed time curve)

Environmental
- Temperature
  - Operating: -40 °C to 70 °C (-40 °F to 158 °F)
  - Storage: -40 °C to 85 °C (-40 °F to 185 °F)
- Humidity: IEC 68-2-38
- Salt fog: ASTM B 17-73, IEC 68-2-11 (tested while operational)
- Ingress protection: IEC IP54 for front panel
- Shock: 15 G in three perpendicular planes
- Vibration: swept over the following ranges for 12 sweeps in each of three mutually perpendicular planes with each 15-minute sweep.
  - 5 to 29 to 5 Hz at 1.5 G peak for 5 min
  - 29 to 52 to 29 Hz at 0.036" DECS-A for 2.5 min
  - 52 to 500 to 52 Hz at 5 G peak for 7.5 min

Agency approvals
- UL/CSA approvals: "cURus" approved to UL 6200 and CSA C22.2 No.14
- NFPA Compliance: complies with NFPA Standard 110, standard for emergency and standby power
- CE Marked: complies with applicable EC directives

ADDITIONAL SPECIFICATIONS

Battery backup for real time clock
The MGC-1500 Series provides a real-time clock with capacitor backup that is capable of operating the clock for up to 24 hours after power is removed from the controller. As the capacitor nears depletion, an internal backup battery takes over and maintains timekeeping. The battery will maintain the clock for approximately 10 years, depending on conditions. The battery is not replaceable. The clock is used by the events recorder function to timestamp events, and the exercise timer is used to start and stop the generator set when the exercise feature is utilized.

Breaker management
The MGC-1500 Series is capable of controlling the generator breaker and the mains breaker. The status of the breakers is determined by using BESTlogic™Plus programmable logic to set up the GENBRK and MAINSBRK logic blocks. These logic blocks have outputs that can be configured to energize an output contact and control a breaker, as well as inputs for breaker control and status. The MGC-1500 Series will attempt to close a breaker only after verifying that it can be closed. If the breaker cannot be closed, the close request will be ignored. Only one breaker can be closed at a time. Synchronization is required before closing the breaker to a live bus. Closure to a dead bus can be performed after meeting dead bus threshold and timing requirements set by the user.

MGC-1500 Series Digital Generator Set Controller Data Sheet

OPTIONAL ACCESSORIES

(Refer to *Configuration Options*)

Contact Expansion Module 2020 (CEM-2020)

The CEM-2020 is a remote device that provides additional MGC-1500 Series contact inputs and outputs, giving the user flexibility to use the same model MGC-1500 Series generator set controller for simple functions or more complicated applications that require contact functionality or duplication of contacts for remote annunciation. Its features include:

- **10 Contact Inputs:** the CEM-2020 provides 10 programmable contact inputs with the same functionality as the contact inputs on the MGC-1500 Series.
- **24 Contact Outputs:** the CEM-2020 provides 24 Form C programmable output contacts with the same functionality as the output contacts on the MGC-1500 Series. The output ratings of the Form C contacts are:

Output No.	Rating (Cont.)	Additional Information
5-16	1 A @ 30 VDC	This is a gold flash contact for low current circuits.
17-28	4 A @ 30 VDC	

Table 1: Output Ratings Form C Contacts

- **Communications via CANBus:** the CEM-2020 communicates to the MGC-1500 Series via SAE J1939 CANBus communications and allows the user to program the functionality of these inputs and outputs in the BESTCOMSPlus® software.
- The user can add labels for the inputs and outputs that appear in BESTCOMS®Plus, on the front panel, and in programmable logic. All the functionality can be assigned to these inputs and outputs as if they were an integrated part of the MGC-1500 Series. The CEM-2020 module has all of the environmental ratings of the MGC-1500 Series, including a model for UL Class1 Div2 applications. The CEM-2020 terminals accept a maximum wire size of 12 AWG, while the chassis ground requires 12 AWG wire. Flexibility is one of the benefits of the MGC-1500 Series, and this add-on module enhances that benefit even further.

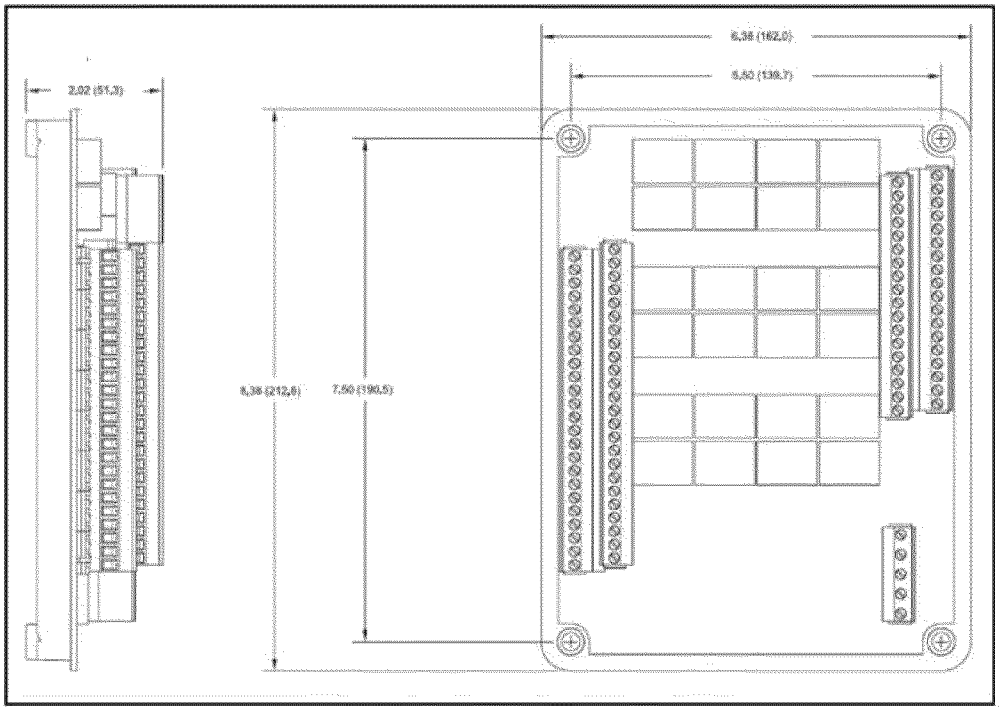


Figure 2: CEM-2020 Overall Dimensions

CONFIGURATION OPTIONS

Generator protection

	MGC-1510	MGC-1520
Standard		
Phase Imbalance (47)	X	X
Overcurrent (50)	X	X
Overvoltage (59)	X	X
Undervoltage (27)	X	X
Underfrequency (81U)	X	X
Overfrequency (81O)	X	X
Reverse Power (32)		
Loss of Excitation (40Q)		
Enhanced		
Overcurrent (51)		
Vector Shift (78)		
Rate of Change of Frequency (81R)		
Ground Fault		

Note: Numbers in parentheses above are ANSI standard device numbers denoting which features the controllers support.

Inputs

	MGC-1510	MGC-1520
Controller		
Digital	7	7
Analog (Dedicated)	3	-
Analog	-	-
CEM		
Digital	-	10
AEM		
Analog	-	-
TC	-	-
RTD	-	-

Outputs

	MGC-1510	MGC-1520
Controller		
Digital Form A, 30 Amp	-	-
Digital Form A, 5 Amp	3	3
Digital Form A, 2 Amp	4	4
Analog	-	-
CEM		
Digital Form C, 4 Amp	-	12
Digital Form C, 1 Amp	-	12
AEM		
Analog	-	-
External to Controllers (CEM)		
Digital Form C, 10 Amp (Interposing Relay)	-	10

Communication

	MGC-1510	MGC-1520
ModBus RTU (RS-485)		
ModBus TCP-IP		
RDP-110	X	X
CANBus		X
Modem Interface (RS-232)		
Ethernet		

Metering

	MGC-1510	MGC-1520
Bus 1 Voltage		
Single Phase	X	X
Three Phase	X	X
Bus 2 Voltage		
Single Phase		
Three Phase		
Current Transformers		
Generator	3	3
Auxiliary	-	-

Subject to change. | WT00032339 | 2020-07

WOODWARD

Product Specification
03222

LC-50

Integrated gas mixer, throttle body, and programmable speed control/ actuator



- Integrated, bi-directional actuator and programmable speed control
- Suitable for gaseous engines
- OEM configurable
- Venturi mixer has superior mixing with no moving parts
- Eliminates external linkages
- Reduces total engine assembly costs
- Optional positioner mode
- Five sizes available
- Optional air/fuel ratio trim valve
- Sealed ball-bearing throttle body design
- Optional external throttle position switch

APPLICATION

The LC-50 is designed for use on gaseous fueled industrial engines between 5 and 100 kW (7 and 134 hp). The throttle and venturi sizes are between 24 and 50 mm. Applications include power generation, refrigeration units, pumps, irrigation, and mobile industrial.

The mixer can be used with propane and natural gas and requires a zero pressure regulator. The throttle body incorporates the proven Woodward LCS speed control, which operates the throttle plate. The LC-50 can be programmed via the RS-232 port of a PC/laptop to a variety of configurations, as follows:

- isochronous speed control
- droop
- auxiliary input
- dual dynamics
- adjustable ramp time
- self-tuning
- overspeed/underspeed protection
- remote speed setting
- three speed select
- error relay driver

DESCRIPTION

The LC-50 provides a building block approach to total engine management. This modular design consists of a die-cast aluminum throttle body, mixer, plus a fully programmable integrated digital speed control and bi-directional actuator.

This unique design includes a venturi style annular ring mixer with no moving parts for superior mixing. The throttle body incorporates a corrosion-protected, plated steel shaft, plate, and a sealed ball-bearing design for durability and long life. An internal throttle return spring is standard to close the throttle in the event of power failure.

The LC-50 modular design reduces total engine assembly cost, eliminates external linkages, lowers inventory and part number proliferation. The programmable controller offers security to your configuration.

The LC-50 is compatible with Woodward's venturi-style mixer and other brands of gas mixers using suitable adapters (see LCS product specification 03225 for actuator details and operating parameters).

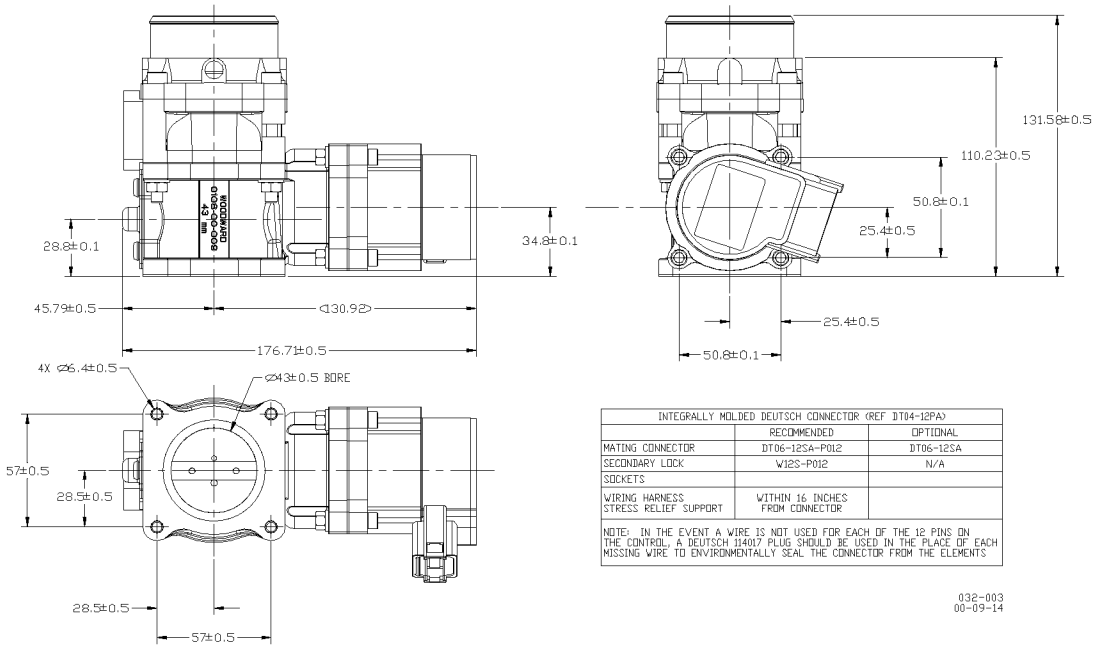
WOODWARD

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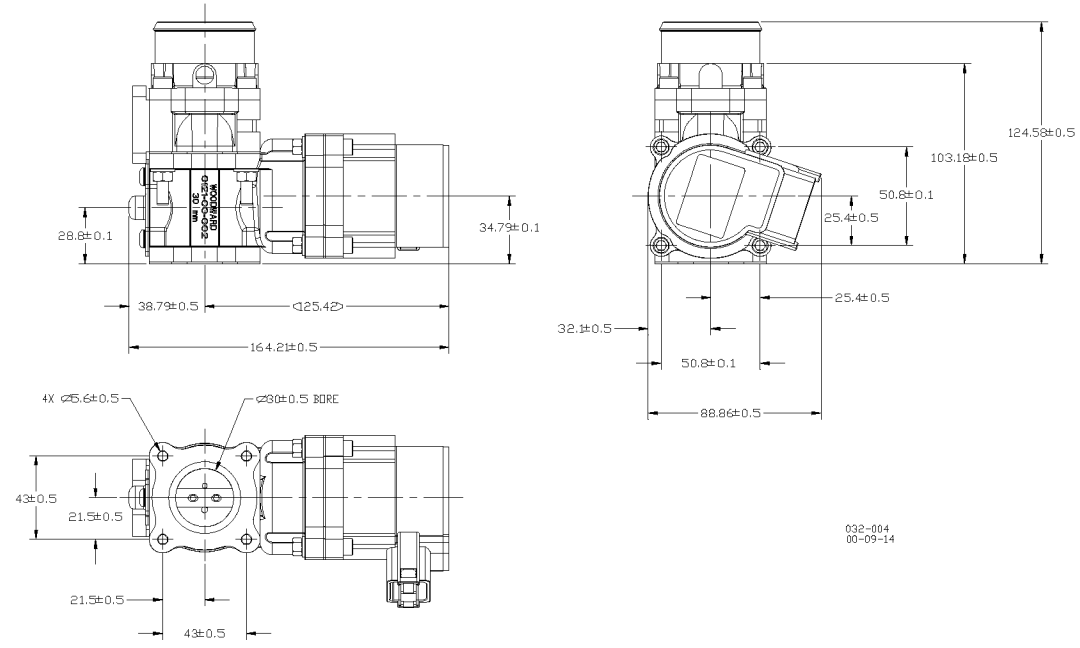
www.woodward.com



INTEGRALLY MOLDED DEUTSCH CONNECTOR (REF DT04-12PA)		
	RECOMMENDED	OPTIONAL
MATING CONNECTOR	DT06-12SA-P012	DT06-12SA
SECONDARY LOCK	W12S-P012	N/A
SOCKETS		
WIRING HARNESS STRESS RELIEF SUPPORT	WITHIN 16 INCHES FROM CONNECTOR	
NOTE: IN THE EVENT A WIRE IS NOT USED FOR EACH OF THE 12 PINS ON THE CONTROL, A DEUTSCH 114017 PLUG SHOULD BE USED IN THE PLACE OF EACH MISSING WIRE TO ENVIRONMENTALLY SEAL THE CONNECTOR FROM THE ELEMENTS		

032-003
00-09-14

Representative Drawing of 43 mm LC-50
(Do not use for construction)



032-004
00-09-14

Representative Drawing of 30 mm LC-50
(Do not use for construction)

Technical Manual 26135

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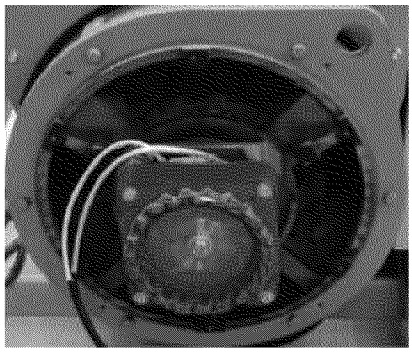
For more information contact:

Generator System Data Sheet

Permanent Magnet Generator (PMG)

DESCRIPTION

A permanent magnet generator (PMG) is standard on 450 kW and larger units and is available as an optional accessory on most units smaller than 450 kW. The PMG is an improved method of supplying power to the voltage regulator and adds distinct advantages over the alternative shunt type power supply.



FEATURES

Improved transient response

When a generator is subject to a large step load, the generator's terminal voltage experiences a sudden voltage dip. With a shunt style regulator, reduced voltage means the regulator's ability to increase excitation is reduced and voltage recovery will take longer. Power from a PMG is only dependent on the speed of rotation so voltage regulator power, and therefore excitation power, is not compromised during a load step.

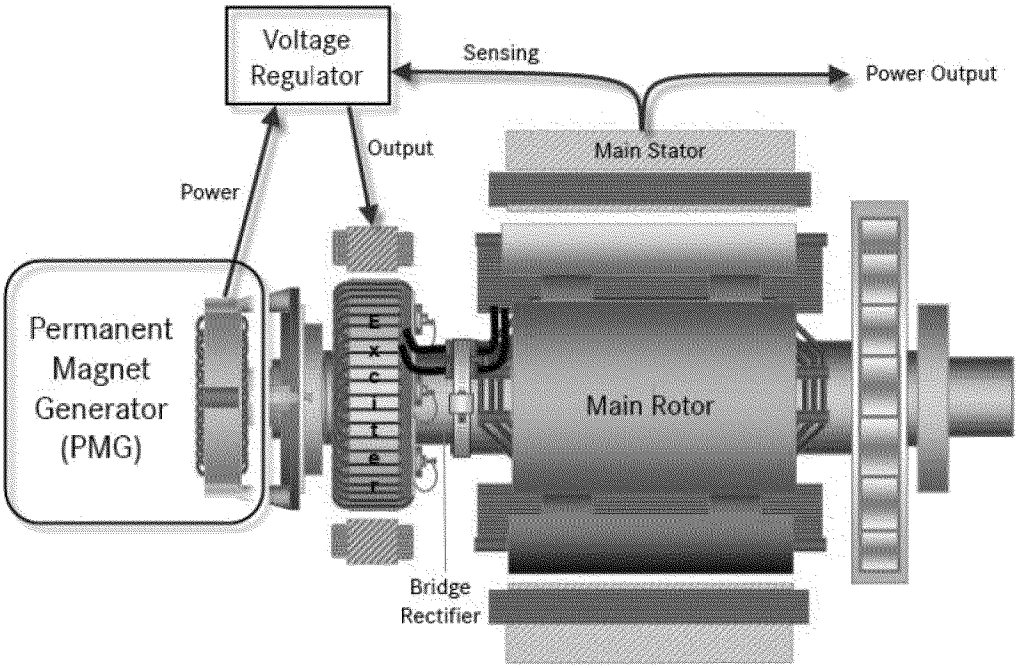
300% short circuit capability

The PMG enables the generator to provide up to 300% short circuit current for 10 seconds. This is important when a fault occurs to ensure current continues to flow long enough for downstream breakers to trip and clear the fault. When a fault occurs with a shunt type regulator, the sudden drop in voltage indicates the regulator has no power to increase excitation to keep current flowing. Without current flow, the downstream breakers may not trip.

Resistant to the effects of harmonics

A PMG is also beneficial in applications with harmonic producing loads. When rectifier-type loads are present and cause voltage wave form notching, the disrupted voltage wave form can affect voltage regulator operation on shunt powered regulators. Unlike a shunt regulator, the PMG supplies the regulator with a power source which is isolated from the electrical system.

Permanent Magnet Generator (PMG) Data Sheet



Generator Equipped with PMG

EXCITATION SYSTEM COMPARISON CHART

	AREP	Permanent Magnet Generator (PMG)
Motor starting capability	High	High
Short circuit current capability	300% at 60 Hz	300% at 60 Hz
Susceptibility to non-linear loads	Minimum	Minimum
Number of components	Minimum	Maximum
Retrofitability	No	Yes
Generator length	Minimum	Maximum
Stator design	Special	Standard with PM attachment
Voltage buildup	Uses residual magnetism and permanent magnet inserts on some frames	Positive from permanent magnets

Subject to change. | WT00037948 | 2020-07

marathon® Generators



DVR® 2400
DIGITAL VOLTAGE REGULATOR

NEW FEATURES
- USB 2.0 access through front panel
- Euro style connector for low voltage connections
- Event Logging
- PMG voltage metering
- Polarity configuration for external inputs
- Configurable cut-in and cut-out frequencies
- Retain/reset configuration of remote adjust

FOUR DIGIT HMI DISPLAY
From intial setup to monitoring regulator status, this display provides innovative, fast and easy setup.

REGULATION MODES
Single and Three phase (AVR), Manual Field Current Regulation (FCR), Reactive Power Regulation (VAR) and Power Factor Regulation (PF). All modes compatible with control by external devices.

GENERATOR SOFT START
Controlled increase to rated voltage limits overshoot during voltage build-up in AVR modes.

TRUE RMS VOLTAGE SENSING - SINGLE OR THREE PHASE
Directly sense 100 to 600 Volts at 50/60 Hz. Circuitry senses true RMS voltage for superior regulation.

SINGLE PHASE POWER METERING

FRAME SIZE SPECIFIC PID SELECTION
Simply select the appropriate frame size and your gains are set.

ROBUST GENERATOR PROTECTION FEATURES
9 different Alarm and Shutdown protection features, many are customizable for your application including:
- Field Over & Under Excitation
- Instantaneous Field Over Current
- Generator Over & Under Voltage
- Generator Voltage Imbalance
- Generator Loss of Sensing

REGAL®

DVR®2400 DIGITAL VOLTAGE REGULATOR

SPECIFICATIONS

Voltage Regulation - 0.25% over load range at rated power factor and constant generator frequency.

Output Power - 100 Vdc, 4.0 Adc continuous rating and 190 Vdc, 7.5 Adc forcing capability for one minute.

Exciter Field DC Resistance - 18 to 25Ω Range

Remote Voltage Adjustment - ±30% of nominal via analog input, ±15% via external contacts.

Input Power - 180 to 240 Vac, 250 to 300 Hz PMG power supply

Regulator Sensing - 100 to 600 Vac, 50/60 Hz, 1-phase/3phase

Operating Temperature - From -40°C to +70°C (-40°F to + 158°F)

Storage Temperature - From -40°C to +85°C (-40°F to +185°F)

Ingress Protection - IP52 (front side mounted in conduit box along with swing cover); IP10 (rear side with protective cover)

Shock - 20G in 3 perpendicular planes

Vibration - 2.5G at 5 to 26 Hz; 0.050" double amplitude (27 to 52 Hz); 7G at 53 to 500 Hz

Weight - 3.5 lb. (1361 g)

Humidity Testing - Per MIL-STD-705B, Method 711-D

Salt Fog Testing - Per MIL-STD-810E

EMI Compatibility

Immunity

Meets EN 61000-6-2: 2005 Electromagnetic compatibility (EMC) -Part 6-2: Generic standards- immunity for industrial environments.

Emission

- Meets EN 61000-6-4: 2007 Electromagnetic compatibility (EMC) - Part 6-4: Generic Standards - emmission standard for industrial environments

EMI Compatibility Tests

Immunity

- Electrostatic Discharge (ESD): IEC 61000-4-2
- Radiated RF: IEC 61000-4-3
- Electrical Fast Transient (EFT) /Burst: IEC 61000-4-4
- Conducted RF: IEC 61000-4-6
- Power Frequency and Magnetic Field: IEC 61000-4-8

Emission

- Radiated RF: EN 61000-6-4: 2007, 30 MHz to 1000 MHz

marathon® Generators

Regal Beloit America, Inc.
100 East Randolph Street
Wausau, WI 54402-8003
PH: 715-675-3359

www.marathonelectric.com

APPLICATION CONSIDERATIONS

The proper selection and application of power generation products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and/or its affiliates ("Regal") with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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REGAL®

MAGNAPLUS®

MARATHON ELECTRIC
SYNCHRONOUS AC GENERATOR
TYPICAL SUBMITTAL DATA

Basic Model: **431CSL6202/431PSL6202** Date: **6/15/17**

Kilowatt ratings at	**1800 RPM**		**60 Hertz**			**12 Leads**		
kW (kVA)	**3 Phase**		**0.8 Power Factor**			**Dripproof or Open Enclosure**		
	Class B	**Class F**				**Class H**		
Voltage*	**80° C ① Continuous**	**90° C ① Lloyds**	**95° C ① ABS**	**105° C † British Standard**	**105° C ① Continuous**	**130° C ① Standby**	**125° C † British Standard**	**125° C ① Continuous**	**150° C ① Standby**
240/480	125 (156)	131 (164)	135 (169)	142 (178)	142 (178)	155 (194)	145 (181)	151 (189)	160 (200)
230/460	125 (156)	132 (165)	136 (170)	143 (179)	143 (179)	155 (194)	145 (181)	152 (190)	160 (200)
220/440	125 (156)	132 (165)	136 (170)	143 (179)	143 (179)	153 (191)	145 (181)	151 (189)	160 (200)
208/416	125 (156)	130 (163)	133 (166)	140 (175)	140 (175)	151 (189)	141 (176)	147 (184)	155 (194)
190/380	115 (144)	120 (150)	123 (154)	130 (163)	130 (163)	140 (175)	132 (165)	135 (169)	145 (181)

① *Rise by resistance method, Mil-Std-705, Method 680.1b.* † *Rating per BS 5000.*

Submittal Data: 240/480 Volts*, 194 kVA, 1800 RPM, 60 Hz, 3 Phase

Mil-Std-705B Method	**Description**	**Value**
301.1b	Insulation Resistance	> 1.5 Meg
302.1a	High Potential Test	
	Main Stator	2000 Volts
	Main Rotor	1500 Volts
	Exciter Stator	1500 Volts
	Exciter Rotor	1500 Volts
	PMG Stator	1500 Volts**
401.1a	Stator Resistance, Line to Line	
	High Wye Connection	0.0718 Ohms
	Rotor Resistance	0.598 Ohms
	Exciter Stator	18.5 Ohms
	Exciter Rotor	0.116 Ohms
	PMG Stator	2.1 Ohms**
410.1a	No Load Exciter Field Amps	
	at 480 Volts Line to Line	0.6 A DC
420.1a	Short Circuit Ratio	0.405
421.1a	Xd Synchronous Reactance	3.195 pu
422.1a	X2 Negative Sequence	
	Reactance	0.268 pu
423.1a	X0 Zero Sequence Reactance	0.05 pu
425.1a	X'd Transient Reactance	0.19 pu
426.1a	X"d Subtransient Reactance	0.182 pu
--	Xq Quadrature Synchronous	
	Reactance	1.478 pu
427.1a	T'd Transient Short Circuit	
	Time Constant	0.048 sec.
428.1a	T"d Subtransient Short Circuit	
	Time Constant	0.005 sec.
430.1a	T'do Transient Open Circuit	
	Time Constant	1.34 sec.
432.1a	Ta Short Circuit Time	
	Constant of Armature Winding	0.014 sec.

Mil-Std-705B Method	**Description**	**Value**
505.3b	Overspeed	2250 RPM
507.1c	Phase Sequence CCW-ODE	ABC
508.1c	Voltage Balance, L-L or L-N	0.2%
601.4a	L-L Harmonic Maximum - Total	5.0%
	(Distortion Factor)	
601.4a	L-L Harmonic Maximum - Single	3.0%
601.1c	Deviation Factor	5.0%
---	TIF (1960 Weightings)	<50
652.1a	Shaft Current	< 0.1 ma
652.1a	Main Stator Capacitance to	
	Ground	0.015 mfd
	Additional Prototype Mil-Std Methods are Available on Request.	
--	Generator Frame	431
--	Type‡, Brushless	
--	Insulation	Class H
--	Coupling - Single Bearing	Flexible
--	Amortisseur Windings	Full
--	Cooling Air Volume	1280 CFM
--	Exciter	Rotating
--	Voltage Regulator	SE350***
--	Voltage Regulation	1%***
--	Sensing	1 Phase***

* Voltage refers to wye (star) connection, unless otherwise specified.

**Not supplied as standard equipment.

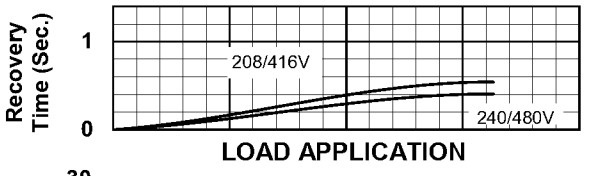
***DVR®2000E+ voltage regulator supplied with PMG option. DVR®2000E+ voltage regulation 1/4%, 1 or 3 Phase sensing.

MAGNAPLUS®

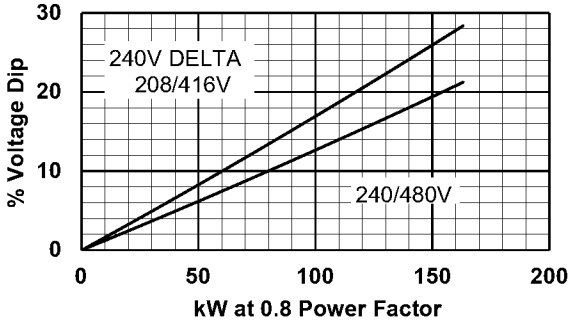
MARATHON ELECTRIC
SYNCHRONOUS AC GENERATOR
TYPICAL SUBMITTAL DATA

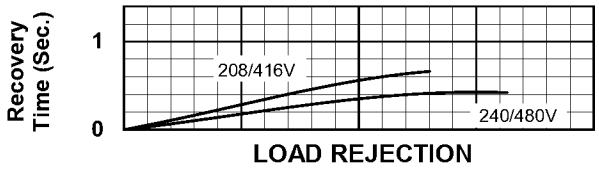
Basic Model: **431CSL6202/431PSL6202** Date: **6/27/17**

60 HERTZ

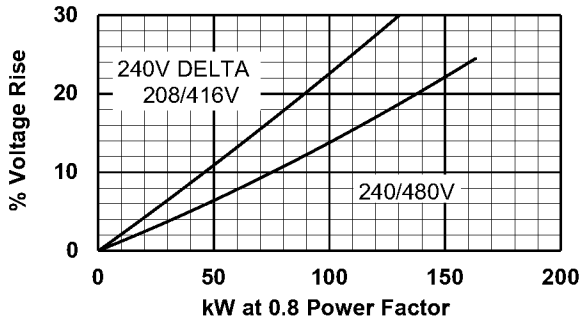


LOAD APPLICATION

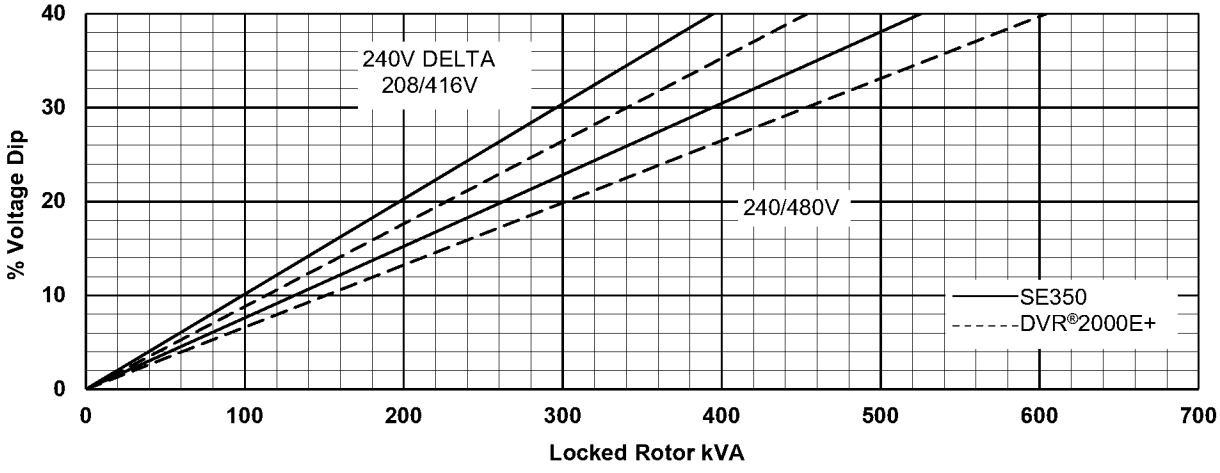




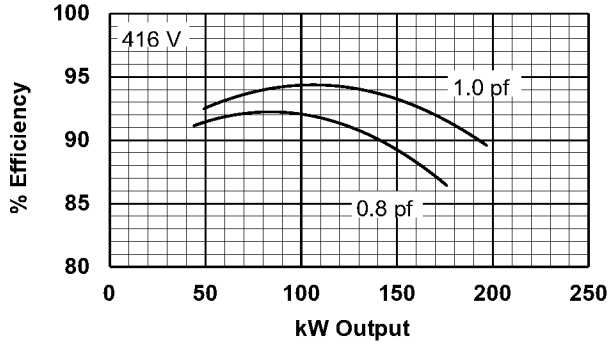
LOAD REJECTION

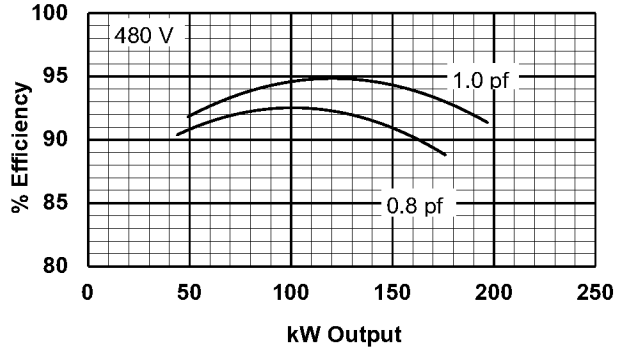


TYPICAL MOTOR STARTING CHARACTERISTICS



TYPICAL GENERATOR EFFICIENCY

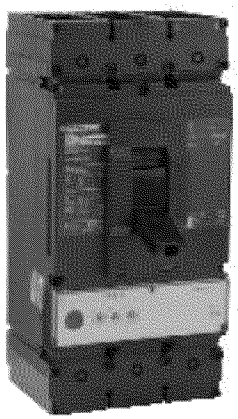




Voltage refers to wye (star) connection, unless otherwise specified.

Product data sheet
Characteristics

LDL36400U33X
PowerPact L Circuit Breaker,Micrologic3.3S,400A,3P,600V,14kA



Main

Product or component type	Circuit breaker
Range of product	PowerPact L
Trip unit technology	Electronic standard Micrologic 3.3 S LSI
Breaking capacity code	D

Complementary

Protection technology	Current limiter
Line Rated Current	400 A
Poles description	3P
Breaking capacity	18 kA at 480 V AC 25 kA at 240 V AC 14 kA at 600 V AC
System Voltage	600 V AC
[Ics] rated service short-circuit breaking capacity	80 %
Mounting mode	Unit mount
Electrical connection	Lugs load Lugs line
AWG gauge	AWG 2/0...500 kcmil (aluminium/copper) 2
Terminal identifier	AL600LS52K3
Height	11.3 in
Width	5.5 in
Depth	6.61 in

Environment

Product certifications	UL listed NMX

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

	CCC CSA CE

Ordering and shipping details

Category	01116 - L ELEC TRIP UNIT MOUNT BREAKER/SW
Discount Schedule	DE2
GTIN	00785901954354
Nbr. of units in pkg.	1
Package weight(Lbs)	15
Returnability	Y
Country of origin	US

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1132 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

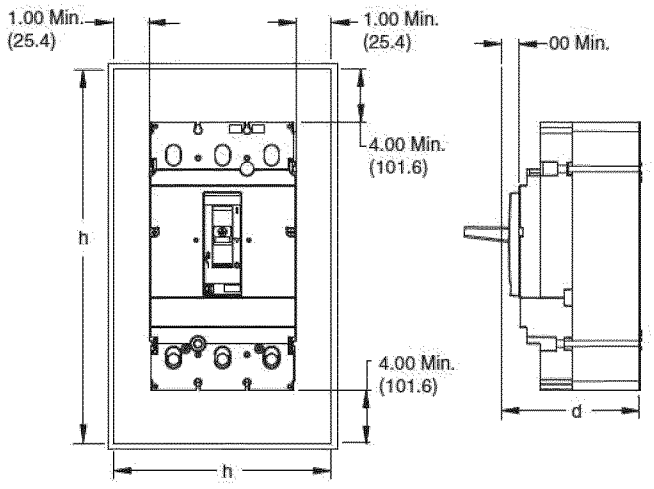
Contractual warranty

Warranty period	18 months

Circuit Breaker Enclosures and Enclosure Accessories

- Square D™ brand circuit breaker enclosures are UL Listed/CSA Certified and are suitable for use as service entrance equipment, except as footnoted.
- The short circuit rating of an enclosed circuit breaker is equal to the rating of the circuit breaker installed, except as footnoted.
- Circuit breakers are ordered and shipped separately for field installation.

Table 113: Minimum Enclosure Dimensions



Circuit Breaker	Amperage	Enclosure Dimensions (h x w x d)	
		Standard (80%)	100% Rated
HD/HG /HJ/HL	15–150 A	15.6 x 6.12 x 3.49 in. (396 x 155 x 89 mm)	15.6 x 6.12 x 3.49 in. (396 x 155 x 89 mm)
HR		18.13 x 8.63 x 4.13 in. (461 x 219 x 105 mm)	62 x 22.5 x 14 in. (1575 x 572 x 356 mm)
JD/JG/ JJ/JL[1]	150–250 A	18.72 x 6.12 x 3.49 in. (476 x 155 x 89 mm)	18.72 x 6.12 x 3.49 in. (476 x 155 x 89 mm)
JR		28.5 x 12.38 x 5.38 in. (724 x 314 x 137 mm)	62 x 22.5 x 14 in. (1575 x 572 x 356 mm)
LD/LG/ LJ/LL	250–600 A	35.48 x 12.00 x 4.45 in. 901 x 305 x 113 mm)	35.48 x 12.00 x 4.45 in. (901 x 305 x 113 mm)
LR		40.5 x 13.75 x 4.33 in. (1030 x 350 x 110 mm)	40.5 x 13.75 x 4.33 in. (1030 x 350 x 110 mm)

1 Minimum enclosure insulation required if circuit breaker side < 4.13 in. (105 mm) from metal.

Table 114: Circuit Breaker Enclosure Catalog Numbers

Circuit Breaker			Enclosure Cat. No.				
Cat. No. Prefix	Rating	Poles	NEMA 1 Flush	NEMA 1 Surface	NEMA 3R[1]	NEMA 4, 4X, 5, 3, 3R Stainless Steel	NEMA 12/3R, 5 (Without Knockouts)[2]
HDL,HGL,HJL,HLL	15–150 A	2, 3	J250F	J250S	J250R	J250DS	J250AWK
JDL,JGL,JJL,JLL	150–250 A	2, 3					
HDL	15–100 A	3	—	HD100S[3, 4, 5]	—	—	—
JDL	150–250 A	3	—	JD250S[3, 5, 6]	—	—	—

1 Enclosures with NRB or RB suffix have provisions for 3/4 in. through 2-1/2 in. bolt-on hubs in top endwall. Enclosures with R suffix have blank endwalls and require field cut opening.

2 Suitable for rainproof NEMA 3R application by removing drain screw from bottom endwall.

3 Copper wire only.

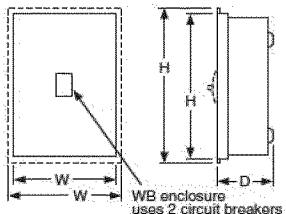
4 Maximum short circuit current rating is 25 kA, 240 Vac.

5 Order service ground kit PKOGTA2 if required.

6 Maximum short circuit current rating is 18 kA, 480 Vac.

Table 115: Dimensions

Cat. No.	Approximate Dimension						
	Series	H		W		D	
HD100S	A01	17.00 in.	431.8 mm	7.90 in.	200.7 mm	4.75 in.	120.7 mm
J250F	A01	32.40 in.	823 mm	15.40 in.	391 mm	6.00 in.	152 mm
J250S	A01	31.36 in.	797 mm	14.36 in.	365 mm	6.00 in.	152 mm
J250R	A01	31.05 in.	789 mm	14.47 in.	368 mm	6.28 in.	160 mm
J250DS	A01	32.26 in.	819 mm	9.72 in.	247 mm	7.94 in.	202 mm
J250AWK	A01	32.26 in.	819 mm	9.72 in.	247 mm	7.94 in.	202 mm



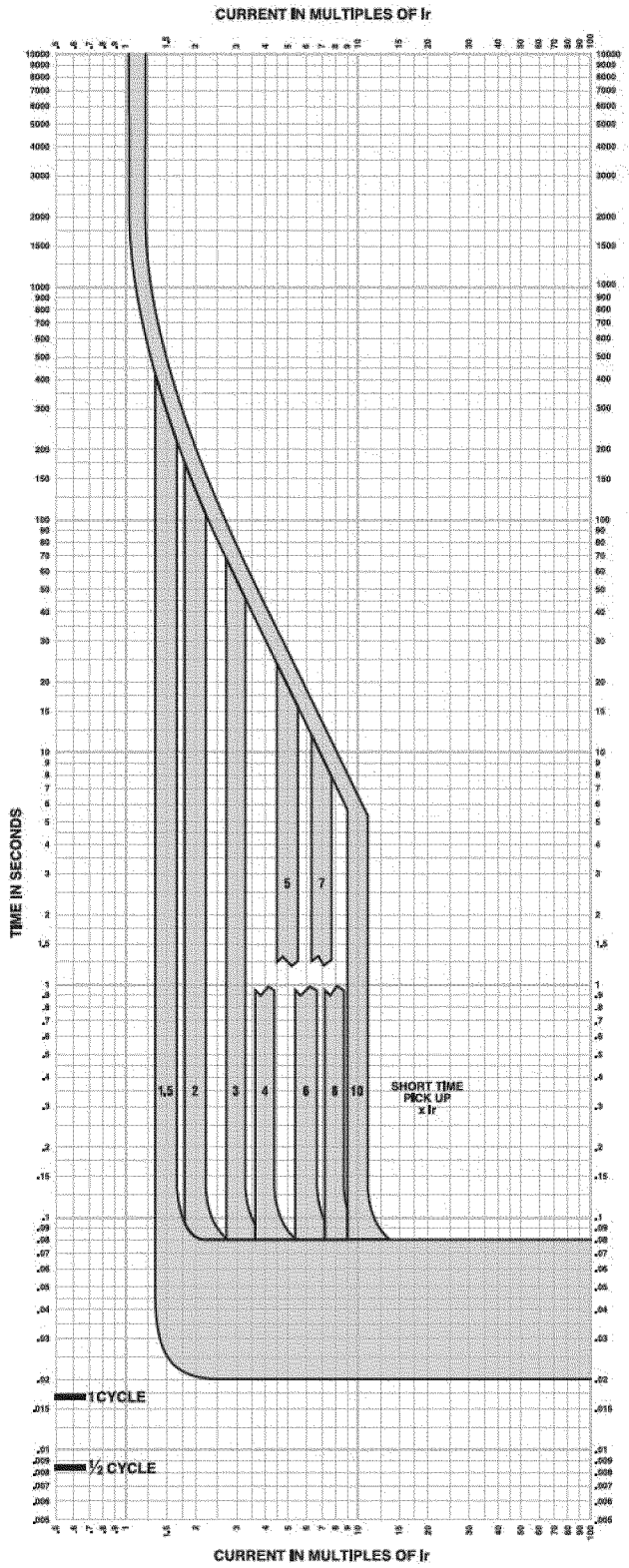
NEMA Type 1

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by Schneider Electric

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PowerPact H-, J-, and L-Frame Circuit Breakers
Trip Curves

Figure 117: Micrologic 3.3S and 3.3S-W Electronic Trip Unit Long Time/Short Time Trip Curve



MICROLOGIC™ ELECTRONIC TRIP UNITS
Micrologic™ 3.3S and 3.3S-W
Long Time/Short Time Trip Curve
250A, 400A L-Frame

The time-current curve information is to be used for application and coordination purposes only.

Notes:

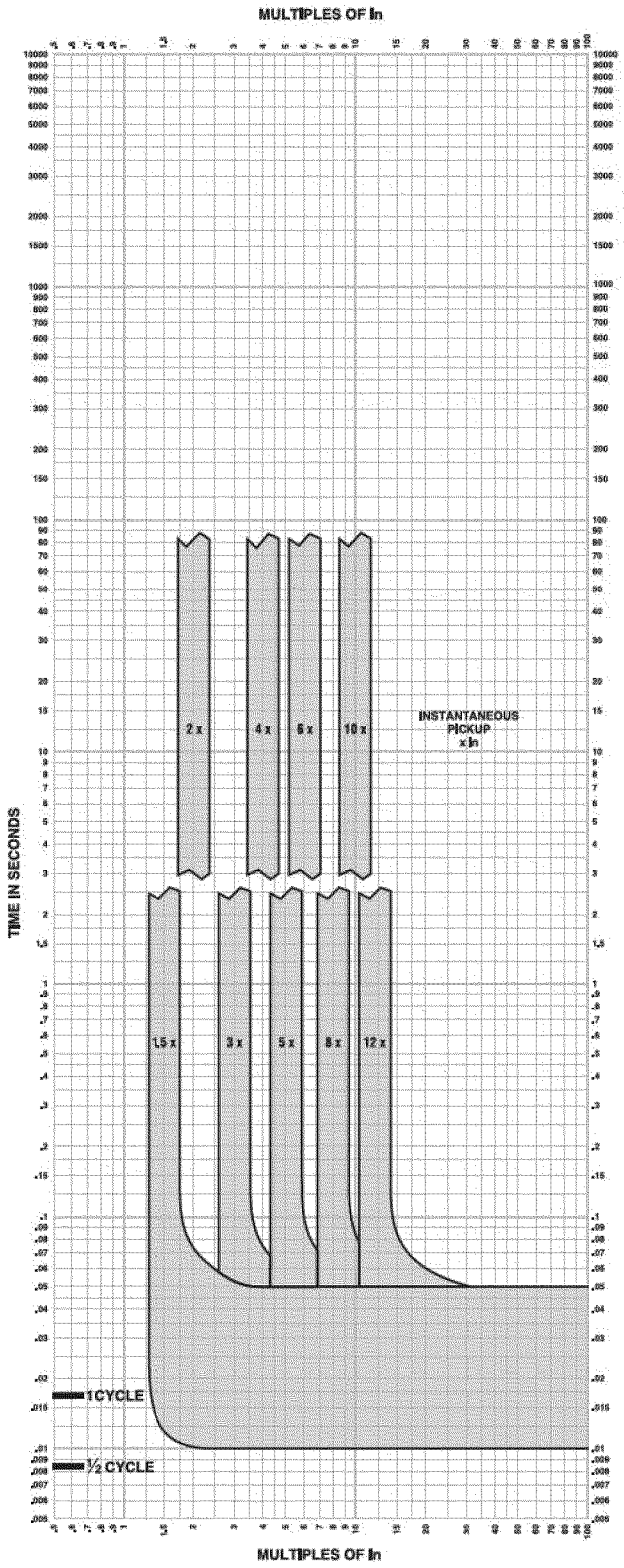
1. There is a thermal-imaging effect that can act to shorten the long-time delay. The thermal imaging effect comes into play if a current above the long-time delay pickup value exists for a time and then is cleared by the tripping of a downstream device or the circuit breaker itself. A subsequent overload will cause the circuit breaker to trip in a shorter time than normal. The amount of time delay reduction is inverse to the amount of time that has elapsed since the previous overload. Approximately 20 minutes is required between overloads to completely reset thermal-imaging.
2. Total clearing times shown include the response times of the trip unit, the circuit breaker opening, and the extinction of the current.

Curves apply from -35°C to +70°C (-31°F to +158°F) ambient temperature.

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PowerPact H-, J-, and L-Frame Circuit Breakers
Trip Curves

Figure 119: Micrologic 3.3, 3.3-W, 3.3S, 3.3S-W, 5.3A, 5.3A-W, 5.3E, 5.3E-W, 6.3A, 6.3A-W, 6.3E, and 6.3E-W Electronic Trip Unit Instantaneous Trip Curve



MICROLOGIC™ ELECTRONIC TRIP UNITS
Micrologic™ 3.3, 3.3-W, 3.3S, 3.3S-W, 5.3A, 5.3A-W, 5.3E, 5.3E-W, 6.3A, 6.3A-W, 6.3E, and 6.3E-W
Instantaneous Trip Curve
400A L-Frame

The time-current curve information is to be used for application and coordination purposes only.

Notes:

1. There is a thermal-imaging effect that can act to shorten the long-time delay. The thermal imaging effect comes into play if a current above the long-time delay pickup value exists for a time and then is cleared by the tripping of a downstream device or the circuit breaker itself. A subsequent overload will cause the circuit breaker to trip in a shorter time than normal. The amount of time delay reduction is inverse to the amount of time that has elapsed since the previous overload. Approximately 20 minutes is required between overloads to completely reset thermal-imaging.
2. Total clearing times shown include the response times of the trip unit, the circuit breaker opening, and the extinction of the current.
3. In = Maximum dial setting of Ir.
   400A L-Frame: In = 400A = Max Ir setting

Curves apply from -35°C to +70°C (-31°F to +158°F) ambient temperature.

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Circuit Breaker Enclosure Data Sheet - Gas

150 kW Standby

DESCRIPTION

This circuit breaker enclosure data sheet is used in conjunction with dimensional drawings to assist with submittal documentation, specification requirements, and installation. This document summarizes the enclosure dimensions and mounting positions for the ***mtu*** 8V0110 GS150 circuit breakers. The dimensional drawings will govern and should be referenced for installation.

430 FRAME ENCLOSURE

- Enclosure supplied with all 430 frame alternator applications.
- Right side primary breaker shown. Left side primary breaker optional.
- Reference Figure 2 and Table 2 for breaker mounting positions.

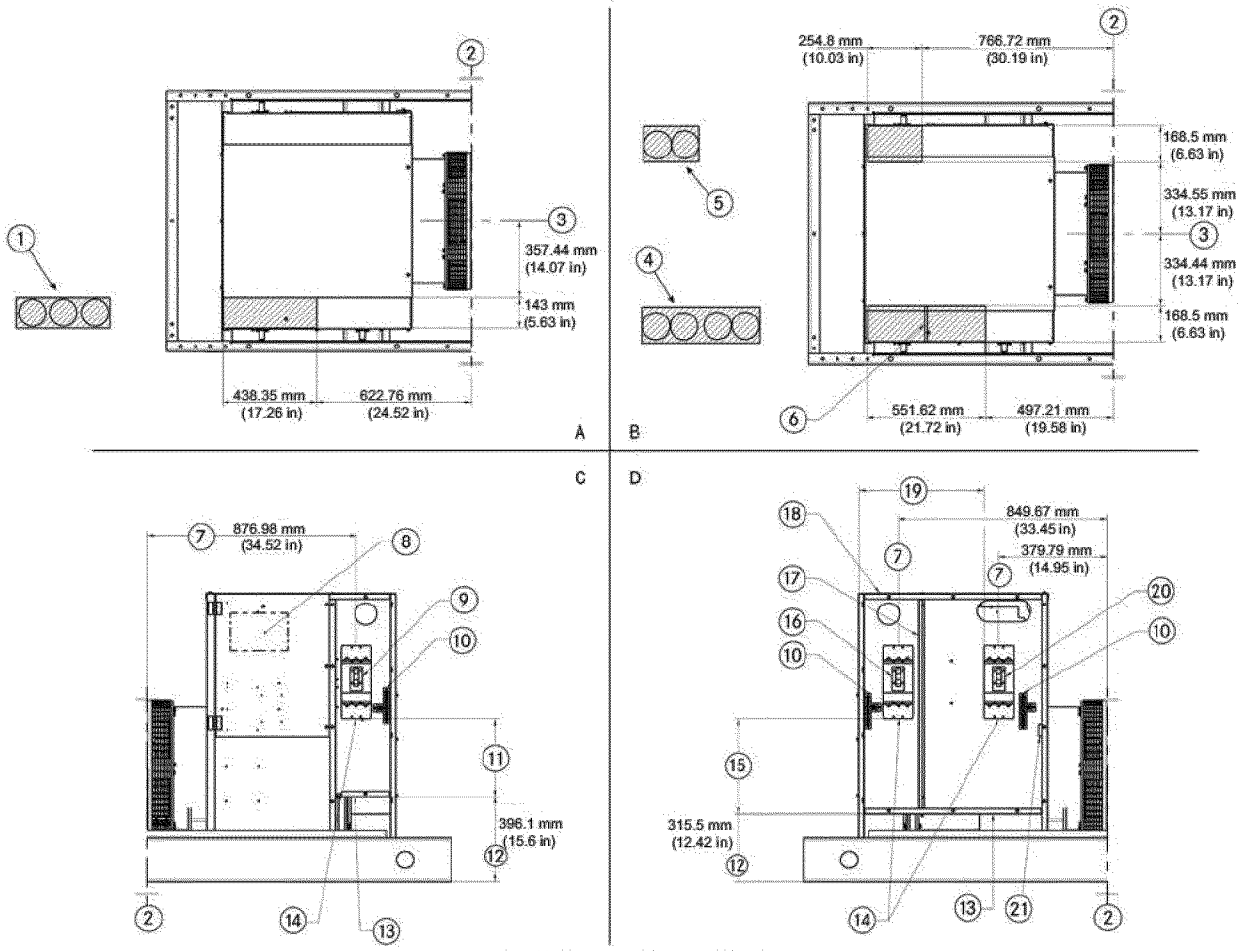


Figure 1: 430 Frame Enclosure

A. Top view, top entry conduit area
B. Top view, bottom entry conduit area
C. Left view, breaker enclosure detail (enclosure door not shown)
D. Right view, breaker enclosure detail (enclosure cover not shown)

1. Three conduit maximum
2. Rear face of flywheel housing
3. Generator centerline
4. Four conduit maximum (primary breaker side)
5. Two conduit maximum (opposite primary breaker)
6. Second breaker divider wall
7. Breaker centerline
8. Optional control panel location
9. Optional second/third breaker
10. Neutral ASM (torque to 275 in-lbs)
11. Dimension B
12. Add 205 mm (8.08 in) for bases with integrated single wall fuel tank
13. Bottom entry conduit area
14. Customer connect end (recommended torque on label)
15. Dimension A
16. Optional second breaker
17. Divider wall included with second breaker
18. Top entry conduit area
19. Dimension C
20. Primary breaker
21. Equipment ground terminal (torque to 275 in-lbs)

Circuit Breaker Enclosure Data Sheet - Gas
150 kW Standby

Available Circuit Breakers		Enclosure Data					
Breaker Frame	Amperage	Output Wire Range 90 °C Cu (wires per lug)	Wire Bending Space[1] Dimension A mm (in)	Wire Bending Space[1] Dimension B mm (in)	Wire Gutter Space[1,2] Dimension C mm (in)	Conduit Quantity	Conduit Size[3] in
H-Frame	20-150	(1) 8-3/0	532 (20.93)	451 (17.76)	602 (23.69)	1	2.5
J-Frame	175	(1) 4-4/0	518 (20.37)	437 (17.2)	602 (23.69)	1	2.5
J-Frame	200-250	(1) 3/0-350	518 (20.37)	437 (17.2)	602 (23.69)	1	3
L-Frame 100%	300-400	(2) 2/0-500	443 (17.44)	362 (14.27)	584 (23)	2	3.5
L-Frame 80%	300-600	(2) 2/0-500	443 (17.44)	362 (14.27)	584 (23)	2	3.5
M/P-Frame	250-800	(3) 250-500	407 (16.01)	N/A	451 (17.74)	3	3.5

(1) Meets or exceeds NFPA 70, NEC 312.6(A), and NEC 312.6(B)
(2) Top entry only available for single breaker applications
(3) Based on flexible metal conduit at 40% fill using THHN wire

NOTE: Equipment grounding terminal wire range: 6 AWG - 350 kcmil.

Table 1: 430 Frame Enclosure Data

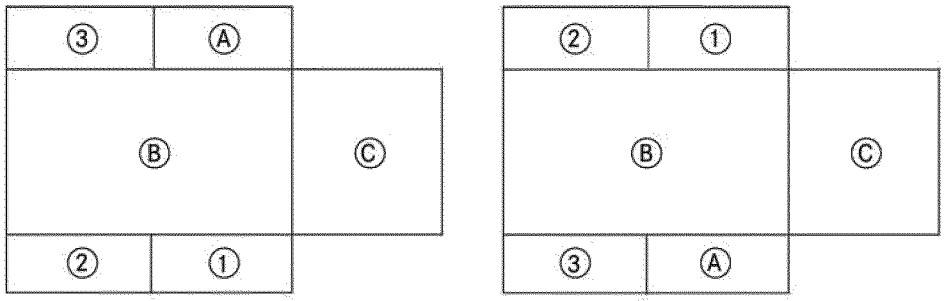


Figure 2: 430 Frame Enclosure Breaker Mounting Positions

A. Controls
B. Outlet box
C. Alternator

1. Position 1 (Primary)
2. Position 2
3. Position 3

Breaker Frame		
Position 1 (Primary)	Position 2	Position 3
H/J/L	-	-
H/J/L	H/J/L	-
H/J/L	H/J/L	H/J/L
P/M	-	-
P/M	H/J	-
PP/MM	H/J	H/J/L
P/M	P/M	L

Table 2: 430 Frame Breaker Mounting Positions

N/A = Not Available

Subject to change. | WT00053956 | 2021-04

Starting System Data Sheet

Commercial Battery

Extra ruggedness and resistance to vibration, heat, chemicals, and physical abuse are built into every commercial battery provided with an ***mtu*** generator set. The battery design features the latest in power storage technology for lead-acid batteries, as well as incorporates proven designs developed with the most experience in the business.

PRODUCT FEATURES

- **Case Design:** Tough, high-impact reinforced polypropylene case is heat sealed under extreme pressure to withstand heavy commercial service usage. This helps to prevent electrolyte leakage, improves reliability, and reduces breakage.
- **Internal Design:** Full-frame power path grids avoid sharp wires protruding through separators and directs the power straight to the lug for low resistance and higher cranking amps.
- **Terminals:** Standard terminals are solidly built preventing porosity, corrosion, black post, and harmful acid leaks.
- **Power Density:** Extra heavy-duty batteries deliver more cranking amps per pound.
- **Maintenance:** The battery uses pure de-mineralized electrolytes for reduced water loss, reduced gassing, longer battery life, and low maintenance.
- **Reliability:** Narrow ribs reduce separator corrosion to protect against shorts while deep-pocket envelopes dramatically improve reliability and extend service life.
- **Quality:** Over 250 quality control checks, combined with computer-aided design technology, provide a tough, durable battery in each commercial battery provided with an ***mtu*** generator set.

						Overall Dimension			
BCI Group Size	Terminal Type	*mtu* Part Number	Volt	Cranking Performance CCA (Cold Cranking Amps) -18° C / 0° F	Reserve Capacity	Length mm (in)	Width mm (in)	Height mm (in)	Weight (Wet) kg (lbs)
24	Post	SUA102538	12	650	115	273 (10.75)	171 (6.75)	229 (9)	18.1 (40)
31	Post	SUA120299	12	950	175	330 (13)	171 (6.75)	241 (9.5)	25.7 (56.5)
4D	Post	SUA102493	12	1,050	290	527 (20.75)	216 (8.5)	258 (10.125)	45.2 (99.5)
8D	Post	SUA102492	12	1,400	430	527 (20.75)	279 (11)	254 (10)	59.3 (130.5)

Subject to change. | WT00037987 | 2021-09

Water Heater Data Sheet

TPS Series

DESCRIPTION

The TPS engine preheater is designed to preheat diesel and gas engines in generator set applications. Simple to install and very lightweight, the TPS engine preheater features a built-in thermostat and heats engines with up to 12 L displacement. Thermosiphon circulation of the coolant delivers heat throughout the entire engine.

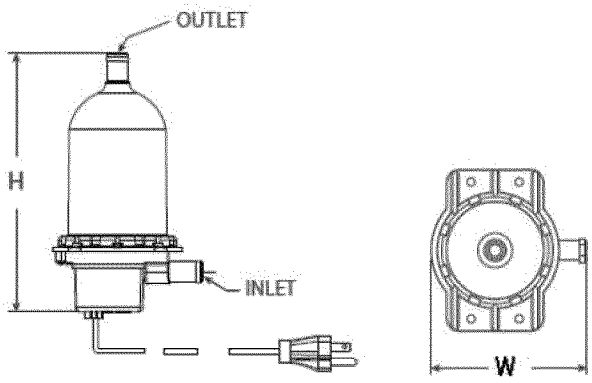


CERTIFICATIONS AND STANDARDS

- c-UL-us Listed
- CE Compliant

SPECIFICATIONS

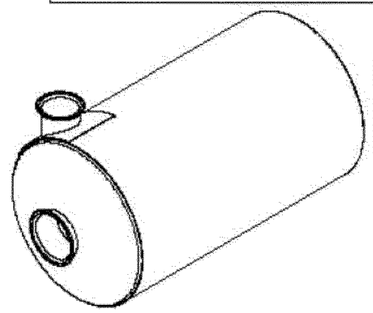
Height:	200 mm (7.9 in)
Width:	117 mm (4.6 in)
Weight:	771 g (1.7 lb)
Heating fluid:	Engine coolant (50% glycol/50% water)
Power:	0.5, 1, 1.5, 1.8, and 2 kW
Voltage range:	120 to 240 V
Tank material:	Polyphenylene sulfide (PPS)
Heating element:	Incoloy 800
Enclosure:	IP41
Fluid capacity:	416 cm³ (0.11 gal)
Max pressure:	6.2 bar (90 psi)
Inlet / outlet:	15.9 mm (0.625 in)
Thermostat range:	
On	38 °C (100 °F)
Off	49 °C (120 °F)

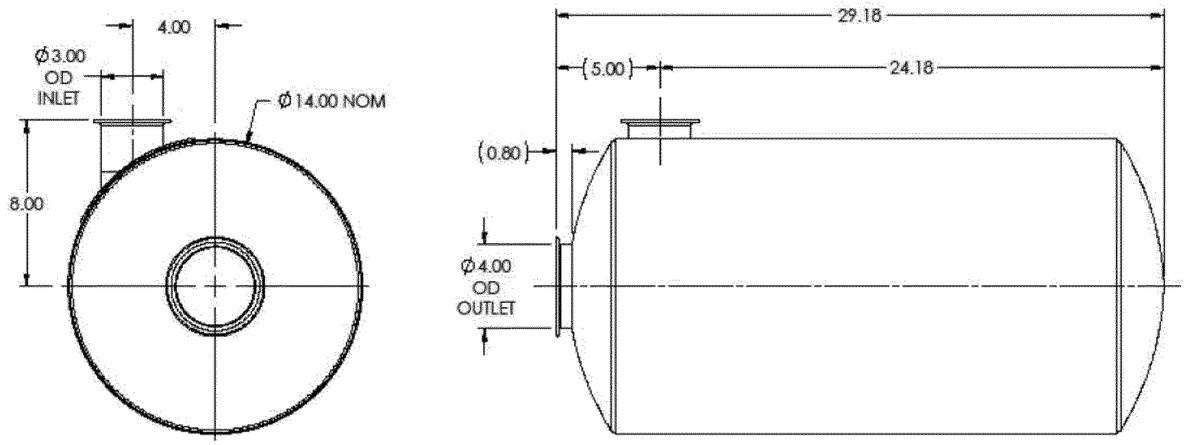


Model Number	*mtu* Part Number	Watts	Volts	Phase	Hz	Amps
TPS051GT10-000	SUA90366	500	120	1	60	4.2
TPS101GT10-000	SUA52746	1,000	120	1	60	8.4
TPS151GT10-000	SUA52748	1,500	120	1	60	12.5
TPS181GT10-000	SUA52750	1,800	120	1	60	15
TPS202GT10-000	SUA52751	2,000	240	1	60	8.3

Subject to change. | WT00032343 | 2021-04

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Reference Information:

Manufacturer: Philips & Temro
Model: CPJS-04X-90013905

Dimensions and Weights on Drawings are in Inches/Pounds.

ENGINE SPECIFIC INFORMATION	
ENGINE:	FORD 6.8L NG/LPG
DISPLACEMENT (IN³):	415
FLOW (CFM):	785
TEMP (°F):	1200/1260
BACK PRESSURE (H2O):	81.5"

REV	DATE	BY	COMMENTS
1	12/14/2011	JVC	RELEASED FOR CUSTOMER APPROVAL
2	1/5/2012	JVC	REVISED INLET WAS 3.50 OD & OAL WAS 23.00

CUSTOMER MTU — FINISH HIGH TEMP BLACK PAINT — WEIGHT 69.50

CS CONSTRUCTION
GAS FLOW FULLY INSULATED INTERNAL

PHILLIPS & TEMRO Industries

DRAWN JVC	12/14/2011	DESCRIPTION	S-E SB03-SB04 Ø14.00 29.18 OAL F:24.18 —
CHECKED BY: —	CHECKED DATE: —		
ENG CHECK BY: —	ENG CHECK DATE: —		
APP'D CHECK BY: —	APP'D CHECK DATE: —	DWG NO	SEE PO
SIZE B	SHEET 3 OF 3	REFERENCE MTU - 101740	MATERIAL SEE BOM
ANGLES MACH: ±1° BEND: ±3°	INCHES .00 ±.13 .000 ±.06	MILLIMETERS .00 ±2 0.0 ±1	F.A. -
SCALE 1:5	DRAWING/PART NUMBER CPJS-04X-90013905	REV 2	

a	0x			12-01-13	Klassen	kost
—	——	————				—
Buchst. Rev.Ltr.	Kommt vor Frequency	Änderung/Revision	Auftrags-Nr. Rev.Not.No.	Datum Date	Name	Gepr. Check

T-348-0108

Oberflächenangaben nach MTN5033 Surface Specification per MTN5033	Allgemeine Fertigungsvorschriften nach MMN 332 Production Specification per MMN 332	-- / --	Masse/Mass kg 154.945 / Format/Size A3
Verwendbar für Typ Applicable to Model	WORD / Datum Date / Name		
Projekt-/Auftrags-Nr. Project/Order No.	Bearb. Drawn — 12-01-13 — Klassen		
Ref.-Nr./Ref.No. Emissions_ID	Gepr. Checked — 12-01-13 — Kost		
Bei Fremdteil/Kaufteil dürfen alle techn. Änderungen am Lieferumfang nur nach unserer vorherigen Genehmigung vorgenommen werden. Techn. modifications to third party or purchased parts require our prior permission.	Norm Stndr. — 12-01-13 — Halbert		
	Abt. Dept. OAN — Halbert		

Benennung/Title

ABGASSCHALLDAEMPFER

EXHAUST SILENCER

INSULATED FORD 6.8L

mtu onsite energy — MTU Friedrichshafen GmbH

Zeichnungs-Nr./Drawing No. **SUA101740**

Blatt/Sheet 1 von/of 1

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Air Filter Data Sheet

DESCRIPTION

Air filters offer engine protection and minimal downtime during normal maintenance. The air filters on ***mtu*** generator sets are easy to install, durable, and reliable.



FEATURES

- Designed to withstand severe intake pulsation and high humidity
- Sturdy, self-supporting, one-piece construction
- Lightweight and compact

SPECIFICATIONS

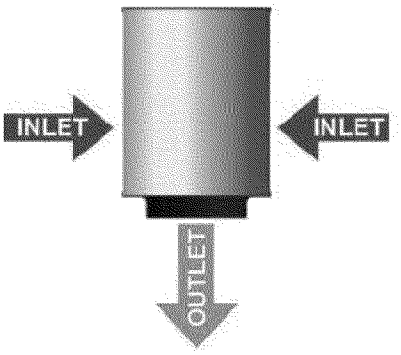
***mtu* Part #**	**Airflow @ Inches of Water Restriction** (refer to *Airflow Diagrams* below)			**Weight**	**Maximum Temp**	
	m^3/min (SCFM) @ 4 in. H_2O	m^3/min (SCFM) @ 6 in. H_2O	m^3/min (SCFM) @ 8 in. H_2O	kg (lb)	Continuous °C (°F)	Intermittent °C (°F)
SUA106417	4.3 (150)	5.1 (180)	6.1 (215)	1 (2.2)	83 (180)	105 (220)
SUA90069	43.9 (1,550)	52 (1,836)	60 (2,118)	3.6 (8)	83 (180)	105 (220)
SUA86885	13.7 (485)	17.6 (620)	21.5 (760)	2.6 (5.8)	83 (180)	105 (220)
SUA77166	3.8 (135)	4.6 (163)	5.3 (190)	1.3 (2.9)	N/A	N/A
SUA40198	3.1 (112)	4.1 (145)	4.8 (170)	0.64 (1.4)	83 (180)	105 (220)
XG3012100019	23.5 (830)	31.43 (1,110)	36.67 (1,295)	1.45 (3.2)	83 (180)	105 (220)
XG2112100001 XG2512100002	9.63 (340)	13.03 (460)	15.85 (560)	1.59 (3.5)	N/A	N/A

***mtu* Part #**	**Dimensions** (refer to *Dimension Diagrams* on next page)				**Minimum Removal Clearance**
	Body Length (D) mm (in)	Body Diameter (A) mm (in)	Outlet Length (F) mm (in)	Outlet Diameter (C) mm (in)	mm (in)
SUA106417	127 (5)	216 (8.5)	35 (1.38)	76 (3)	38.1 (1.5)
SUA90069	400 (15.75)	318 (12.5)	48 (1.89)	198 (7.8)	38.1 (1.5)
SUA86885	279 (11)	318 (12.5)	35 (1.38)	127 (5)	38.1 (1.5)
SUA77166	172 (6.75)	216 (8.5)	27 (1.08)	75 (2.96)	38.1 (1.5)
SUA40198	102 (4)	216 (8.5)	35 (1.38)	64 (2.5)	38.1 (1.5)
XG3012100019	381 (15)	318 (12.5)	35 (1.38)	152 (6)	38.1 (1.5)
XG2112100001 XG2512100002	267 (10.5)	267 (10.5)	35 (1.38)	102 (4)	38.1 (1.5)

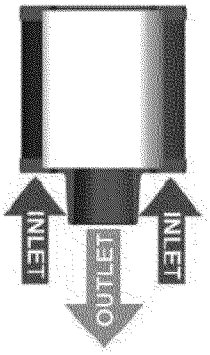
N/A = Not Available

Air Filters Data Sheet

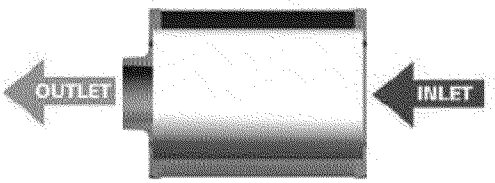
AIRFLOW DIAGRAMS



Airflow Diagram: SUA90069, XG3012100019

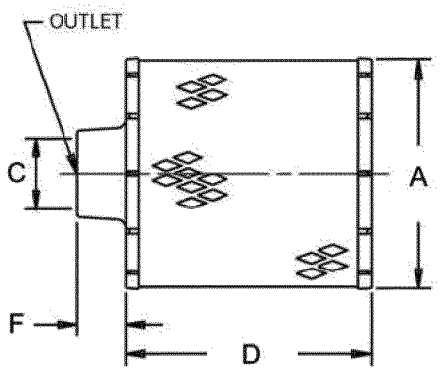


Airflow Diagram: SUA106417, SUA86885, SUA77166, SUA40198

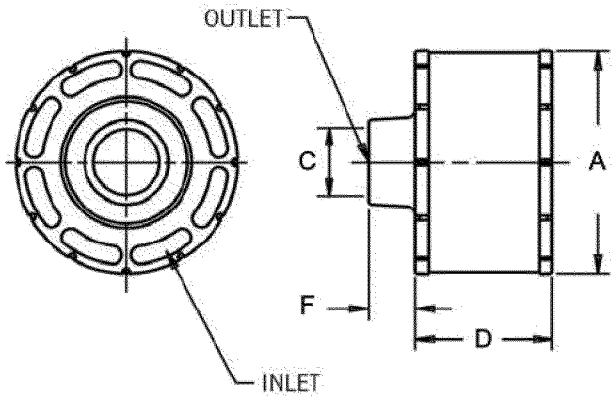


Airflow Diagram: XG2112100001, XG2512100002

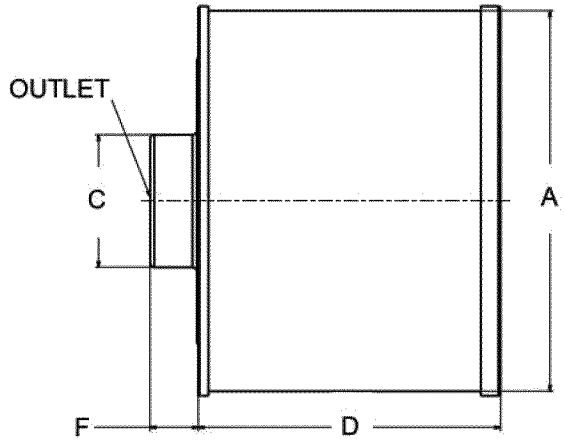
DIMENSION DIAGRAMS



Dimension Diagram: SUA90069, XG3012100019



Dimension Diagram: SUA106417, SUA86885, SUA40198



Dimension Diagram: SUA77166, XG2112100001, XG2512100002

Subject to change | WT000037879 | 2021-09

Isolator Pad Data Sheet

DESCRIPTION

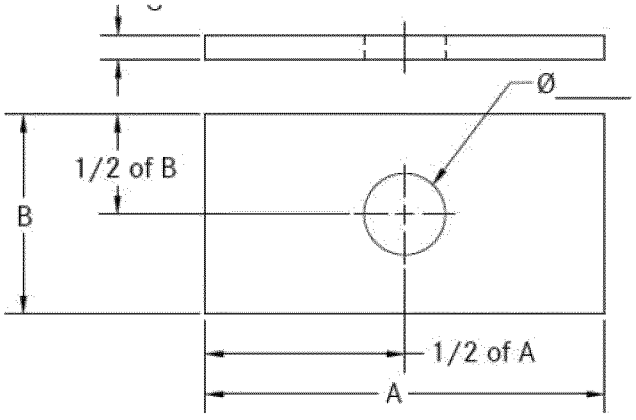
These square-molded, neoprene pads can be used to compensate for inconsistencies in the mounting surface between the generator set base frame and the installation surface, or between the sub-base fuel tank and the installation surface, if applicable. They can be easily cut to any desired shape and can be used in multiple layers to increase deflection.

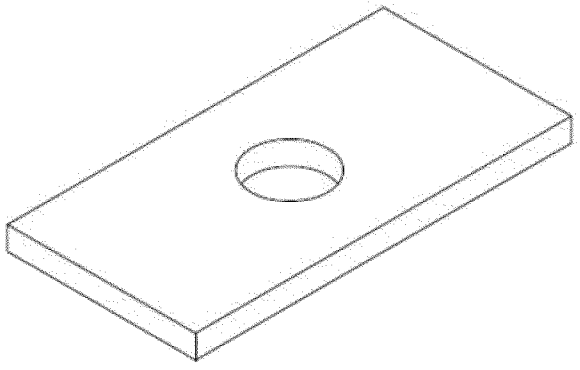
NEOPRENE TYPICAL PHYSICAL PROPERTIES

Hardness:	40A-90A
Tensile Strength:	500
Elongation:	200
Tear Value:	50
Thermal Conductivity (K Factor):	0.30

Heat Resistance @ 100 °C (212 °F) after 70 Hours:

Change in Hardness:	10
Change in Tensile:	-16%
Change in Elongation:	-60%
Compression Set:	50%
Lowest Working Temperature:	-40 °C (-40 °F)
Highest Working Temperature:	90.6 °C (195 °F)

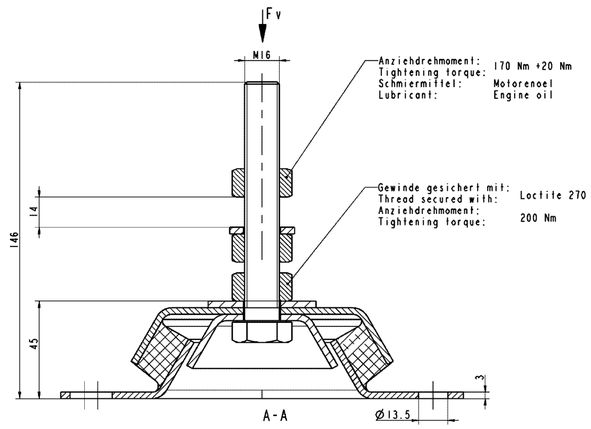


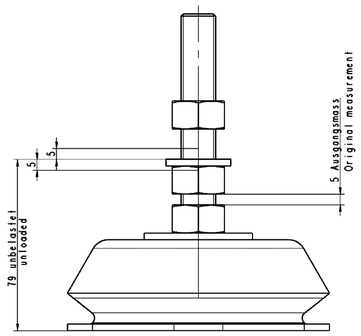


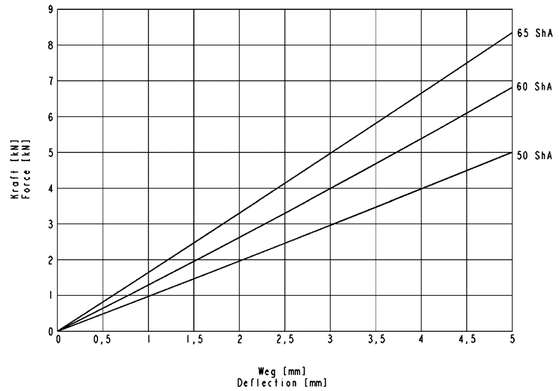
mtu Part Number	Dim. A mm (in)	Dim. B mm (in)	Dim. C mm (in)	Hole Diameter mm (in)	Durometer
SUA46904	101.6 (4)	50.8 (2)	6.35 (0.25)	20.638 (0.813)	50
SUA46905	152.4 (6)	50.8 (2)	6.35 (0.25)	20.638 (0.813)	50
SUA46906	254 (10)	50.8 (2)	6.35 (0.25)	20.638 (0.813)	50
SUA46907	457.2 (18)	63.5 (2.5)	6.35 (0.25)	20.638 (0.813)	50
SUA46908	457.2 (18)	76.2 (3)	6.35 (0.25)	20.638 (0.813)	50
SUA46909	457.2 (18)	457.2 (18)	6.35 (0.25)	Not Required	50
SUA63015	203.2 (8)	76.2 (3)	6.35 (0.25)	20.638 (0.813)	50
SUA77843	101.6 (4)	50.8 (2)	19.05 (0.75)	20.638 (0.813)	60
SUA86147	457.2 (18)	76.2 (3)	6.35 (0.25)	20.638 (0.813)	70
SUA95672	304.8 (12)	50.8 (2)	6.35 (0.25)	20.638 (0.813)	50
SUA102408	457.2 (18)	76.2 (3)	6.35 (0.25)	26 (1.024)	50
X54599100330	381 (15)	76.2 (3)	6.35 (0.25)	22.225 (0.875)	50

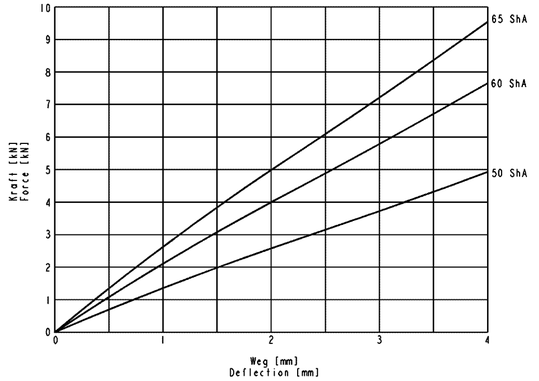
Subject to change. | WT00038043 | 2021-10

a1



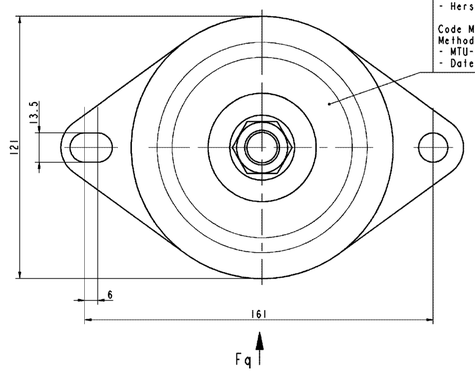






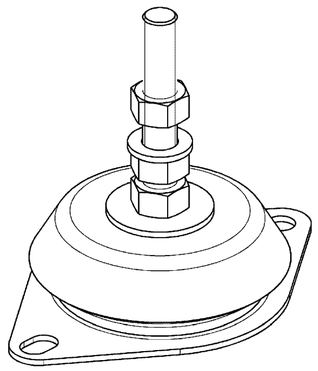
maximal zulaessiger Federweg: 4mm
Maximum permitted resilient tolerance:
maximal zulaessige Belastung: siehe Kennlinie
Maximum permitted load: see reference line

MTU-Sachnummer MTU-Part number	Sachnummer Lieferant Supplier Part No.	Shore Haerte Shore hardness	Daempfungsgrad Damping ratio	Federsteifigkeit Fv Resilient stiffness Fv
X57523100036	10004401	50 Sh A	0,04	1,0 kN/mm ±20%
X57523100037	10004402	60 Sh A	0,05	1,3 kN/mm ±20%
X57523100039	10004403	65 Sh A	0,06	1,6 kN/mm ±20%



Kennzeichnung siehe MTN5077
Verfahren B2 -
- MTU-Sachnummer
- Herstelldatum auf Gummielement

Code Marking, see MTN5077
Method B2 -
- MTU-Part Number
- Date of Manufacture on Rubber Element



MTU-Sachnummer MTU-Part number	Zylinderzahl No. of cylinders	Shore Haerte Shore hardness	statische Einfederung Static resilient deflection
X57523100039	12V	65 Sh A	2,5 [mm]
X57523100037	10V	60 Sh A	2,8 [mm]
X57523100037	8V	60 Sh A	2,4 [mm]
X57523100036	6R	50 Sh A	3,1 [mm]

X57523100036 (50 ShA)

FEDERWEG-PRUEFVORSCHRIFT
Belastungsrichtung: Druck Fv
Pruefhaufigkeit: einmalig pro Charge
Pruefvorrichtung:
Messtemperatur: Raumtemperatur
Vorlast: 500 N
Anzahl Setzzyklen: 2
Setzgeschwindigkeit: 20mm/min
Setzbelastung bis: 4kN
Pruefgeschwindigkeit: 20mm/min
1. Kraftmessung:
2. Wegmessung:
3. Steifigkeitsmessung: C=0,8-1,2kN/mm zwischen 1-3mm

X57523100037 (60 ShA)

FEDERWEG-PRUEFVORSCHRIFT
Belastungsrichtung: Druck Fv
Pruefhaufigkeit: einmalig pro Charge
Pruefvorrichtung:
Messtemperatur: Raumtemperatur
Vorlast: 500 N
Anzahl Setzzyklen: 2
Setzgeschwindigkeit: 20mm/min
Setzbelastung bis: 5,5kN
Pruefgeschwindigkeit: 20mm/min
1. Kraftmessung:
2. Wegmessung:
3. Steifigkeitsmessung: C=1,05-1,6kN/mm zwischen 1-3mm

X57523100039 (65 ShA)

FEDERWEG-PRUEFVORSCHRIFT
Belastungsrichtung: Druck Fv
Pruefhaufigkeit: einmalig pro Charge
Pruefvorrichtung:
Messtemperatur: Raumtemperatur
Vorlast: 500 N
Anzahl Setzzyklen: 2
Setzgeschwindigkeit: 20mm/min
Setzbelastung bis: 6,5kN
Pruefgeschwindigkeit: 20mm/min
1. Kraftmessung:
2. Wegmessung:
3. Steifigkeitsmessung: C=1,3-1,9kN/mm zwischen 1-3mm

X57523100036 (50 ShA)

RESILIENT TOLERANCE - TEST SPECIFICATION
Load direction: pressure Fv
Test frequency: once per lot
Test device:
Measuring temperature: ambient temperature
Pre-load: 500 N
Number of creep cycles: 2
Creep rate: 20mm/min
Creep load up to: 4kN
Test rate: 20mm/min
1. Measurement - Force:
2. Measurement - Deflection:
3. Measurement - Rigidity: C=0,8-1,2kN/mm between 1-3mm

X57523100037 (60 ShA)

RESILIENT TOLERANCE - TEST SPECIFICATION
Load direction: pressure Fv
Test frequency: once per lot
Test device:
Measuring temperature: ambient temperature
Pre-load: 500 N
Number of creep cycles: 2
Creep rate: 20mm/min
Creep load up to: 5,5kN
Test rate: 20mm/min
1. Measurement - Force:
2. Measurement - Deflection:
3. Measurement - Rigidity: C=1,05-1,6kN/mm between 1-3mm

X57523100039 (65 ShA)

RESILIENT TOLERANCE - TEST SPECIFICATION
Load direction: pressure Fv
Test frequency: once per lot
Test device:
Measuring temperature: ambient temperature
Pre-load: 500 N
Number of creep cycles: 2
Creep rate: 20mm/min
Creep load up to: 6,5kN
Test rate: 20mm/min
1. Measurement - Force:
2. Measurement - Deflection:
3. Measurement - Rigidity: C=1,3-1,9kN/mm between 1-3mm

Lieferant
Supplier GMT GmbH

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Fa. GMT GmbH
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consent of Fa. GMT GmbH

MTN5168

Oberflaechenschutz Stahlteile:
Surface Protection Steelparts:
MTV5025, Schichtdicke: 10 bis/to 12 µm Cr(VI) frei/free

Lieferung und Altersueberwachung nach MTV 5005
Shelf Life Monitoring in compliance with MTV 5005

MTV5025								
MTV5005								
MTN5168			a	1	Kennlinie radial hinzugefügt	57974	14.09.2009	zobolis
MTN5077						49043	04.12.2006	zimmerma

Aufgeführte Normen / Relevant Standards | Passiviert / Passivation | Abweichung zu Spezifikation / Deviation to Specification | Befürd. Anz./Nr. / Approval No. | Kennl. vor / Frequency | Aenderungsbezeichnung / Revision | Aenderungs-Nr. / Revision Notice No. | Datum / Date | Name | Gepr. / Check.

Zustellvermerk n. Lieferung
Tech. Characteristics
Oberflaechenschutz
Surface Protection
Vorgeschaltener Tuner Typ
Applicable to Model: BR 1600
Projekt-/Auftrags-Nr.
Project/Order No.
Referenz-Nr./Reference No.

Oberflaechenangaben nach MTN5033
Surface Specification per MTN5033
Allgemeine Fertigungsvorschriften nach MAN 332
Production Specification per MAN 332

MTU

Massstab / Scale 1:1
Masse/Mass kg 1.334
Formatsize A0
Werkstoff / Material
Teilbezeg./Model/Groesse / Semifinished Product, Pattern, Etc.
Benennung/Title /

DAEMPFUNGSLAGER

RUBBER MOUNT

Zeichnungs-Nr./Drawing No. XZ57523100035
Blatt / Sheet iv.1

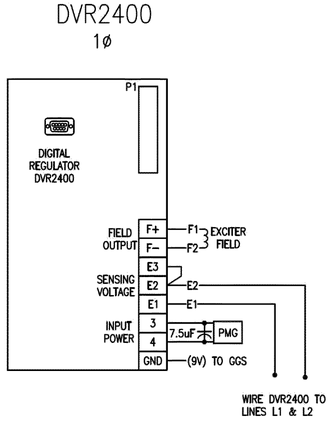
Prüf. | Datum/Date | Name
Konstr. | 10.12.2008 | Zimmerma
Zeichn. | 12.12.2008 | Zerroll
Norm. | 11.12.2008 | Hans
Stand. | 11.12.2008 | Hans
Dept. | TRA | Dr.Barrack

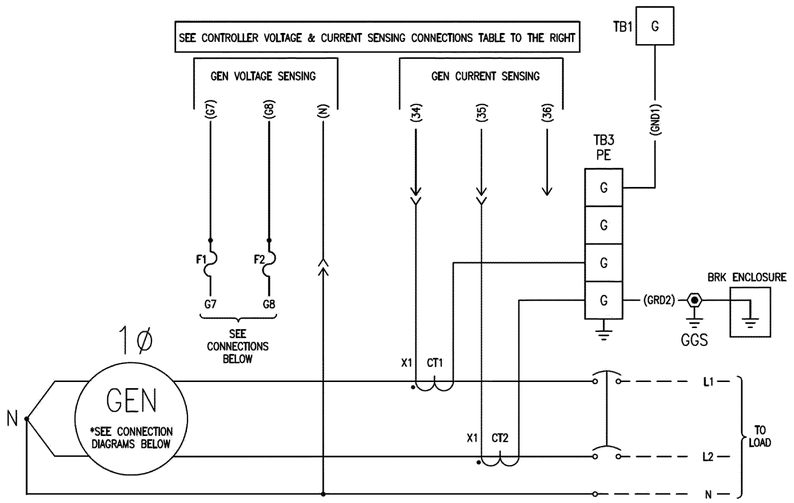
MTU Friedrichshafen GmbH

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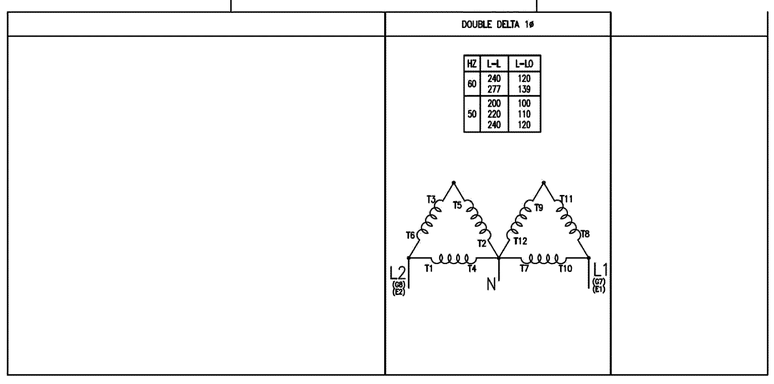
DVR2400 P1 CONNECTOR		
Terminal	**Name**	**Description**
P1-1	IB1	Generator Phase B CT - terminal 1
P1-2	IB2	Generator Phase B CT - terminal 2
P1-3	A_L	Auxiliary current loop (DVR2500 only)
P1-4	AU+	Auxiliary input positive
P1-5	AU-	Auxiliary input negative
P1-6	EXC	Excitation disable contact input (active closed)
P1-7	UP	UP contact input (active closed)
P1-8	DN	DOWN contact input (active closed)
P1-9	DRP	Droop disable contact input (active closed)
P1-10	QRP	VAR/PF mode disable (active closed)
P1-11	DG	Digital ground
P1-12	NO	Contact output normally open
P1-13	COM	Contact output common
P1-14	NC	Contact output normally closed





CONTROLLER VOLTAGE & CURRENT SENSING CONNECTIONS

NCP	MGC & PIN #		
TB1	1500	2000	3000
WIRE # G7	45	41	86
WIRE # G8	43	39	88
WIRE # G9	41	37	90
WIRE # N	40	35	91
WIRE # 34	38	69	1
WIRE # 35	36	72	3
WIRE # 36	34	75	5



Änderungsbeschreibung/Description of revision
INITIAL RELEASE

kommt vor/Frequency

Buchst./Rev.Ltr. –.1
Änderungs–Nr./Revision Notice No. PR062671
Bearbeitungsstatus/Lifecycle Released

Passmass Fit | Abmass in Deviation um

Allgemeintoleranzen / General Tolerances ISO 2768–mK
Toleranzang. / Tolerancing ISO 8015
Ausstattung u. Lieferung Tech. Characteristics
Oberflächenschutz Surface Protection
Verwendbar für/ Typ Applicable to Model
Projekt–/ Auftrags–Nr. Project/Order No.
Referenz–Nr./Ref.No. | Emission ID

Masse / Size ISO 14405
Oberflächenangaben nach M7N0033 Surface Specification per M7N0033
Allgemeine Fertigungsvorschriften nach MAN 332 Production Specification per MAN 332

Massstab/Scale | Masse/Mass | kg | Format/Size
A

Werkstoff Material
Halbzeug,Modell,Gesenk Semifinished Product, Pattern,Die
Material–Nr./Material–No.

block: kine 12.10.2020

XZG25K0000014

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	Datum/Date	Name
ACAD		
Ersteller Drawn	06.10.2020	groenke do
Geprüft Checked	06.10.2020	groenke do
Norm. Norm.	12.10.2020	carsten jd
Gen. Released	12.10.2020	carsten jd

Benennung/Title AO Arrangement
ARRANGEMENT DRAWING
1GEN GENERATOR
ELECTRICAL SYSTEM DRAWING

Zeichnungs–Nr./Drawing No. CAD06787700
Beschreibung/Description

Blatt Sheet 1/1

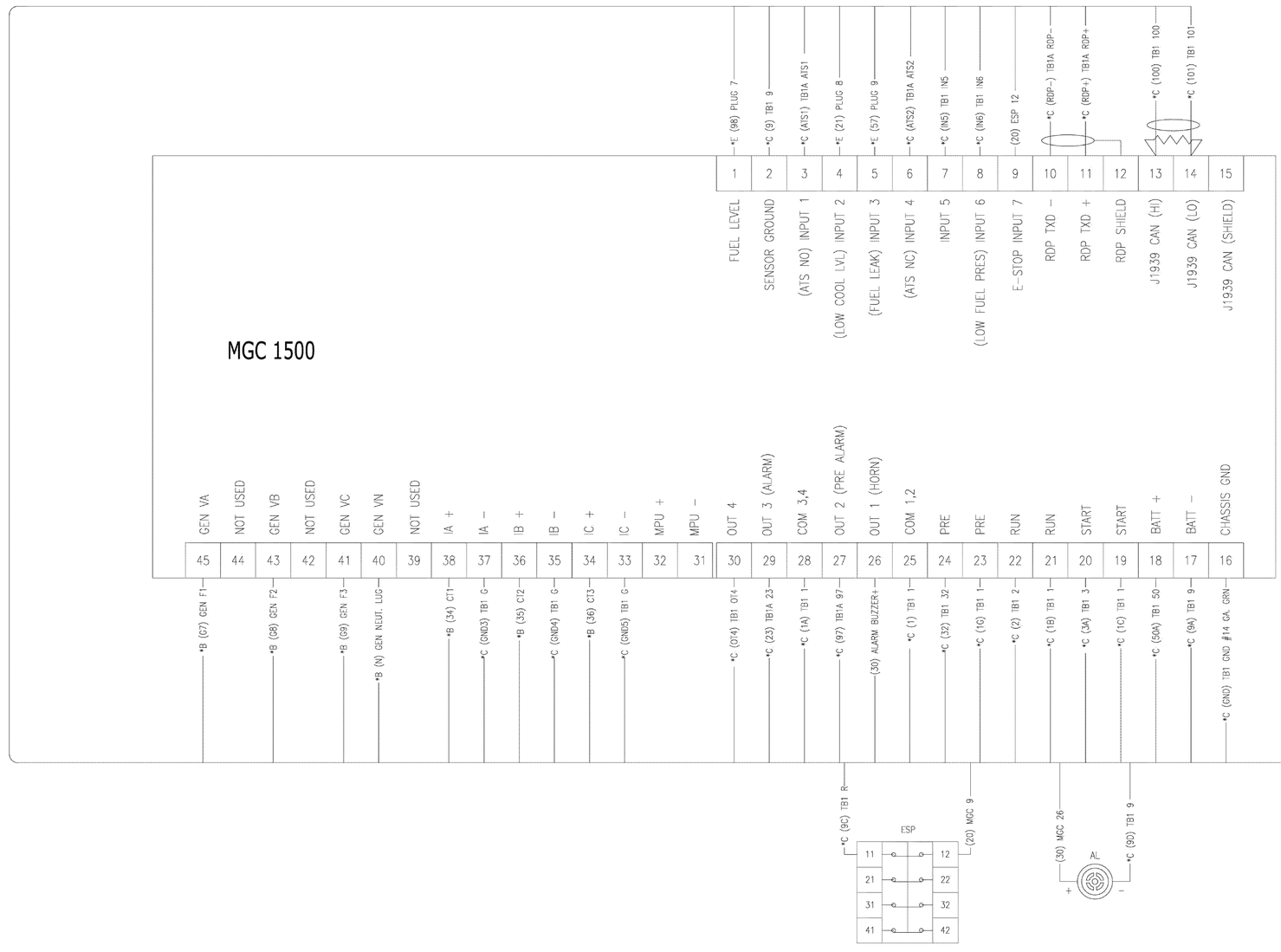
NOTES:

1. WIRE NUMBERS ARE IN PARENTHESIS.
2. SHORT DASHED LINES (- - - - - -) INDICATE CUSTOMER CONNECTION OR OPTIONAL EQUIPMENT.

LEGEND

AL	ALARM BUZZER
BPS	BACK PLATE STUD
DGS	DOOR GROUND STUD
ESP	EMERGENCY STOP BUTTON
F1	5A ATO FUSE MGC CONTROLLER
F2	25A ATO FUSE PANEL
F3	20A ATO FUSE ECU
GGS	GENERATOR GROUND STUD
LWL	LOW WATER LEVEL PROBE
MGC	MTU GENERATOR CONTROLLER
R1	120 OHM ¼ 1% RESISTOR
TB1	TERMINAL BLOCK 1 (PANEL BACK)
TB1A	TERMINAL BLOCK 1A (PANEL BACK)

*X	(X)	XXX	X
*X	DESTINATION		
(X)	WIRE NUMBER		
XXX	DESTINATION		
X	DESTINATION TERMINAL		



Allgemeintoleranzen / General Tolerances ISO 2768-mK		Massstab/Scale	Masse/Mass	kg Format/Size
Toleranzang. / Tolerancing ISO 8015	Masse / Size ISO 14405		----	A
Ausführung u. Lieferung / Tech. Characteristics ----	Oberflächenangaben nach MTN5033	Werkstoff / Material ----------		
Oberflächenschutz / Surface Protection ----	Surface Specification per MTN5033			
Verwendbar für/ Applicable to Model ----	Allgemeine Fertigungsvorschriften nach MAN 332	Halbzeug,Modell,Gerenik / Semifinished Product, ----		
Projekt-/Auftrags-Nr. / Project/Order No. ----	Production Specification per MAN 332	Pattern, Division		
Referenz-Nr./Ref.No. ---- Emission ID ----	block level 12.10.2020 ---- ---	Material-Nr./Material-No. XZG25K0000015		

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	ACAD	Datum/Date	Name
Erstellt/ drawn		08.10.2020	groenke do
Gepr./ Checked		08.10.2020	groenke do
Norm.		12.10.2020	carsten jd
Gepr./ Checked		12.10.2020	carsten jd

Benennung/Title A0 Arrangement ----

ARRANGEMENT DRAWING
1GEN MGC 1500 CONTROL PANEL
ELECTRICAL SYSTEM DRAWING

onsite energy

Zeichnungs-Nr./Drawing No. CAD06787711

Beschreibung/Description ----

Blatt / Sheet 1/3

Änderungsbeschreibung/Description of revision	kommt vor/Frequency
INITIAL RELEASE	

Buchst./Rev.Ltr.	Änderungs-Nr./Revision Notice No.	Bearbeitungsstatus/Lifecycle
–.1	PR062671	Released

Rissmass Abmass in Grenzdurchm

MGC 1500

NOTES:

1. WIRE NUMBERS ARE IN PARENTHESIS.
2. SHORT DASHED LINES (------) INDICATE CUSTOMER CONNECTION OR OPTIONAL EQUIPMENT.

LEGEND

AL	ALARM BUZZER
BPS	BACK PLATE STUD
DGS	DOOR GROUND STUD
ESP	EMERGENCY STOP BUTTON
F1	5A ATO FUSE MGC CONTROLLER
F2	25A ATO FUSE PANEL
F3	20A ATO FUSE ECU
GGS	GENERATOR GROUND STUD
LWL	LOW WATER LEVEL PROBE
MGC	MTU GENERATOR CONTROLLER
R1	120 OHM 1/8 1% RESISTOR
TB1	TERMINAL BLOCK 1 (PANEL BACK)
TB1A	TERMINAL BLOCK 1A (PANEL BACK)

PANEL SIDE PLUG

(48) TB1 F2	1
(9E) TB1 9	2
(9F) TB1 9	3
(GND7) TB1 GND	4
	5
	6
*A (98) MGC 1	7
*A (21) MGC 4	8
*A (57) MGC 5	9
(2A) TB1 2	10
(3) TB1 3	11
(103) TB1 F1	12
	13
(1D) TB1 1	14
	15
	16
	17
	18
(80) TB1 IN6	19
(32A) TB1 32	20
	21
	22
	23
(100A) TB1 100	24
(51A) TB1 51	25
	26
(101A) TB1 101	27
	28
CAN S	29

*X	(X)	XXX	X
*X	DESTINATION		
(X)	WIRE NUMBER		
XXX	DESTINATION		
X	DESTINATION TERMINAL		

AC CUSTOMER CONNECT

SEE PAGE 3 FOR TERMINAL DESIGNATION

E TO: PLUG

A TO: PANEL FACE

D TO: ENGINE

TB1: F1 | F2 | F3 | 50 | 51 | 1 | 1 | 1 | GND | GND | GND | 9 | 9 | 9 | 9 | R | 100 | 101 | S | 2 | 3 | 32 | IN5 | OT4 | 9NI

- (50) TB1 50
- (1E) TB1 1
- (51) TB1 51
- (50) TB1 F1
- (51) TB1 F3
- *E (1D) PLUG 14
- (1E) TB1 F2
- *B (GND1) GEN GND BLOCK
- (9B) TB1A 9
- *E (9F) PLUG 2
- *A (9D) ALARM BUZZER
- *E (9F) PLUG 3
- *E (100A) DP 24
- *E (101A) DP 27
- (2B) TB1A 2
- *E (2A) PLUG 10
- (3) PLUG 11
- *E (32A) DP 20
- *A (IN5) MGC 7
- *A (OT4) MGC 30
- *A (IN6) MGC 8

- *E (103) PLUG 12
- *E (48) PLUG 1
- (48A) TB1A 48
- *A (50A) MGC 18
- *E (51A) PLUG 25
- *A (1) MGC 25
- *A (1B) MGC 21
- *A (1G) MGC 23
- *A (1C) MGC 19
- (1F) TB1A 1
- *A (1A) MGC 28
- *A (GND) MGC 16
- *B (GND3) MGC 37
- *B (GND4) MGC 35
- *B (GND5) MGC 33
- *B (GND6) DGS
- *A (9A) MGC 17
- *A (9) MGC 2
- *A (9C) ESP 11
- *A (100) MGC 13
- *A (101) MGC 14
- *A (2) MGC 22
- *A (3A) MGC 20
- *A (32) MGC 24
- *E (80) PLUG 19

TB1A: 1 | 2 | ATS2 | ATS1 | ATSC | 9 | 120 | 23 | 97 | RDP+ | RDP− | S | 48

- (1F) TB1 1
- (2B) TB1 1
- *A (ATS2) MGC 6
- *A (ATS1) MGC 3
- (9B) TB1 9
- *A (23) MGC 29
- *A (97) MGC 27
- *A (RDP+) MGC 11
- *A (RDP−) MGC 10
- (48A) TB1 F3

REMOTE START (NON REQUESTING STATE)

REMOTE STOP

TxD+ TxD− RDP−110

Allgemeintoleranzen / General Tolerances ISO 2768-mK		Maßstab/Scale	Masse/Mass	kg Format/Size
Toleranzang. / Tolerancing ISO 8015	Maße / Size ISO 14405		----	A
Ausführung u. Lieferung Tech. Characteristics ----	Oberflächenangaben nach MTN0033 Surface Specification per MTN0033	Werkstoff Material ----------		
Oberflächenschutz Surface Protection ----				
Verwendbar für/ Typ Applicable to Model ----	Allgemeine Fertigungsvorschriften nach MAN 332 Production Specification per MAN 332	Halbzeug,Modell,Gerenik Semifinished Product, Pattern,Die ----		
Projekt-/ Auftrags-Nr. Project/Order No. ----		Material-Nr./Nekterial-No.		
Referenz-Nr./Ref.No. ----	Emission ID ----	block level 12.10.2020	XZG25K0000015	
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		ARRANGEMENT DRAWING 1GEN MGC 1500 CONTROL PANEL ELECTRICAL SYSTEM DRAWING		
		Zeichnungs-Nr./Drawing No. CAD06787712		Blatt Sheet 2/3
		Beschreibung/Description ----		

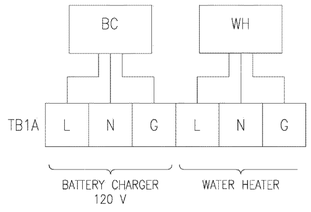
Aenderungsbeschreibung/Description of revision	kommt vor/Frequency
INITIAL RELEASE	

Buchst./Rev.Ltr.	Aenderungs-Nr./Revision Notice No.	Bearbeitungsstatus/Lifecycle
-.1	PR062671	Released

Rasmass Fit | Abmaße in Deviation µm

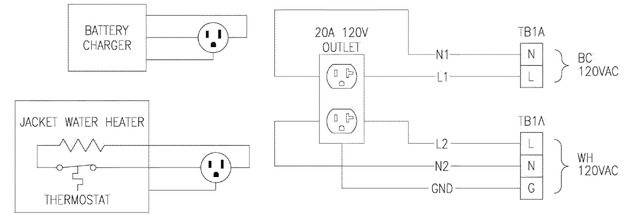
AC OPTIONS

NO DISTRUBUTION PANEL



CUSTOMER CONNECTION

RECEPTACLE OPTIONS



NOTES:

1. WIRE NUMBERS ARE IN PARENTHESIS.
2. SHORT DASHED LINES (- - - - - -) INDICATE CUSTOMER CONNECTION OR OPTIONAL EQUIPMENT.

LEGEND

AL	ALARM BUZZER
BPS	BACK PLATE STUD
DGS	DOOR GROUND STUD
ESP	EMERGENCY STOP BUTTON
F1	5A ATO FUSE MGC CONTROLLER
F2	25A ATO FUSE PANEL
F3	20A ATO FUSE ECU
GGS	GENERATOR GROUND STUD
LWL	LOW WATER LEVEL PROBE
MGC	MTU GENERATOR CONTROLLER
R1	120 OHM ⅛ 1% RESISTOR
TB1	TERMINAL BLOCK 1 (PANEL BACK)
TB1A	TERMINAL BLOCK 1A (PANEL BACK)

*X	(X)	XXX	X
*X	DESTINATION		
(X)	WIRE NUMBER		
XXX	DESTINATION		
X	DESTINATION TERMINAL		

Änderungsbeschreibung/Description of revision: **INITIAL RELEASE**

kommt vor/Frequency:

Buchst./Rev.Ltr: –.2 | Änderungs-Nr./Revision Notice No.: PR062671 | Bearbeitungsstatus/Lifecycle: Released

Rissmass FE | Abmass in Deviation um

Allgemeintoleranzen / General Tolerances ISO 2768–mK
Tolerierung / Toleroncing ISO 8015
Ausführung z. Lieferung / Tech. Characteristics: – – – –
Oberflächenschutz / Surface Protection: – – – –
Verwendbar fuer typ / Applicable to Model: – – – –
Projekt–/Auftrags–Nr. / Project/Order No.: – – – –
Referenz–Nr./Ref.No.: – – – –
Emission ID: – – – –
Masse / Size ISO 14405
Oberflächenangaben nach M7N0033 / Surface Specification per M7N0033
Allgemeine Fertigungsvorschriften nach MAN 332 / Production Specification per MAN 332
block level 12.10.2020

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	ACAD	Datum/Date	Name
Erstellt / Created		09.10.2020	groenke_do
Gepr. / Checked		09.10.2020	groenke_do
Norm. Dok.		12.10.2020	carsten_jd
Appr. / Released		12.10.2020	carsten_jd

Massstab/Scale: – – – –
Masse/Mass: – – – – kg
Format/Size: A
Werkstoff / Material: – – – – – – – – – –
Halbzeug,Modell,Gesenk / Semifinished Product, Pattern,Die: – – – –
Material–Nr./Material–No.: XZG25K0000015
Benennung/Title: – – – – A0 Arrangement

ARRANGEMENT DRAWING
1GEN MGC 1500 CONTROL PANEL
ELECTRICAL SYSTEM DRAWING

Zeichnungs–Nr./Drawing No.: CAD06787713
Beschreibung/Description: – – – –
Blatt / Sheet: 3/3

ENGINE SIDE PLUG

1	(48) #12 AWG
2	(9) #12 AWG
3	(9H) #12 AWG
4	(GND) #12 AWG
5	
6	
7	
8	(21) #16 AWG
9	
10	(2) #16 AWG
11	(3) #18 AWG
12	(103) #16 AWG
13	
14	(1) #16 AWG
15	
16	
17	
18	
19	(80) #18 AWG
20	(32) #20 AWG
21	(SP1) #18 AWG
22	(SP2) #18 AWG
23	(SP3) #18 AWG
24	(100) #20 AWG
25	
26	
27	(101) #20 AWG
28	
29	(S) #22 AWG

#16 AWG

(21) → WHT

(J6) BLK

RED

RADIATOR
LOW WATER
LEVEL PROBE

(1) →

SPARE 1

SPARE 2

SPARE 3

(G01) →

(48) PLUG 1

#12 AWG

SM

SOL

#2/0 GA.

#2/0 GA.

BATTERY
12VDC

(GND) PLUG 4

SEE NOTE #5

BATTERY
CHARGER

RED

BLACK

ENGINE
GND

14-PIN FUEL
HARNESS
CONNECTOR

(2A)	A	
(2B)	B	
(2C)	C	(2C)
(2D)	D	(2D)
(2E)	E	(2E)
(9A)	F	(9A)
(9B)	G	
(9C)	H	(9C)
(9D)	J	(9D)
(9E)	K	(9E)
(54)	L	
(55)	M	(55)
(56)	N	(9A)
(80)	P	(80)

16-PIN ECU
HARNESS
CONNECTOR

(32)	A
(54)	B
(55)	C
	D
	E
(3)	F
	G
(56)	H
	J
	K
	L
	M
(100)	N
(101)	P
	R
(9G)	S

LP GAS
RELAY

(2C) 86 LPR 85 (55)

(2D) 30 87 (155)

DUNGS VALVE
LP VAPOR

LPS1 LPS2

3 2 1

M 3 GND 1 2

F 3 GND 1 2

(2E) (9D) (9C) (155)

LP
VALVE
DIN PLUG

FPS

M 3 GND 1 2

DUNGS
PRESSURE
SWITCH

F 3 GND 1 2

(80) (9A)

PRESSURE
SWITCH
DIN PLUG

SINGLE FUEL LP GAS

Änderungsbeschreibung/Description of revision		kommt vor/Frequency	
INITIAL RELEASE			
Buchst./Rev.Ltr.	Änderungs-Nr./Revision Notice No.	Bearbeitungsstatus/Lifecycle	
–.1	PR062671	Released	

Allgemeintoleranzen / General Tolerances ISO 2768-mK

Toleranzang. / Tolerancing ISO 8015		Maass / Size ISO 14405	Massstab/Scale	Masse/Mass	kg Format/Size
Ausführung u. Lieferung Tech. Characteristics	----	Oberflächenangaben nach MTM5033 Surface Specification per MTM5033		----	A
Oberflächenschutz Surface Protection	----		Werkstoff/Material	----	
Verwendbar bei/ Applicable to Modell	----	Allgemeine Fertigungsvorschriften nach MAN 332 Production Specification per MAN 332	Halbzeug,Modell,Gesenk Semifinished Product, Pattern,Die	----	
Projekt-/Auftrags-Nr. Project/Order No.	----		Material-Nr./Material-No.	XZG25K0000020	
Referenz-Nr./Ref.No.	Emission ID	block level 12.10.2020			
----	----	---			

	ACAD	Datum/Date	Name
Erstellt/ Drawn	DB.10.2020	groenke do	
Geprüft/ Checked	DB.10.2020	groenke do	
Norm. Std.	12.10.2020	carsten jd	
Freigegeben/ Released	12.10.2020	carsten jd	

Benennung/Title AO Arrangement

ARRANGEMENT DRAWING
16EN PSI 8.1L GAS ENGINE
ELECTRICAL SYSTEM DRAWING

Zeichnungs-Nr./Drawing No. CAD06790337

Benschreibung/Description ----

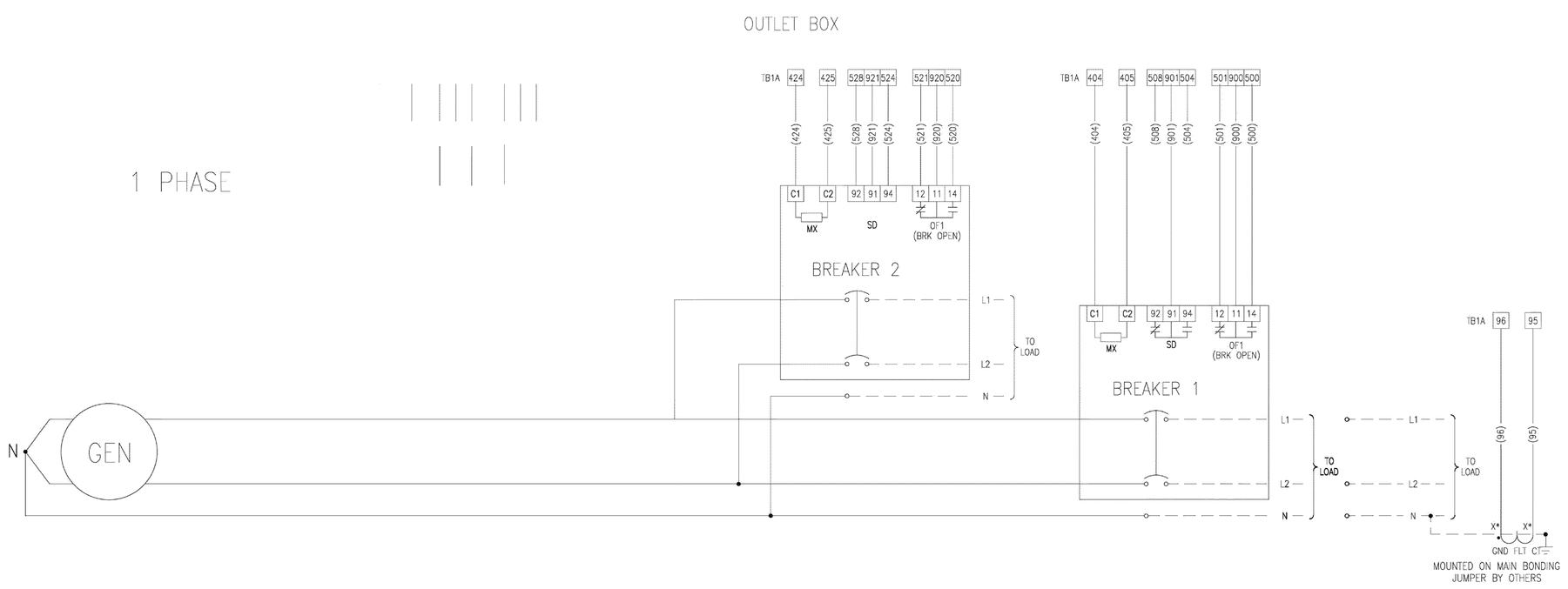
Blatt/Sheet 2/5

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Passmass Fit / Massen in Deviation mm

NOTE:

X* X*



Aenderungsbeschreibung/Description of revision	kommt vor/Frequency
INITIAL RELEASE	

Buchst./Rev.Ltr.	Aenderungs-Nr./Revision Notice No.	Bearbeitungsstatus/Lifecycle
–.1	PR062671	Released

Allgemeintoleranzen / General Tolerances ISO 2768–mK

Tolerierung / Tolerancing ISO 8015	Masse / Size ISO 14405	Massstab/Scale
Ausführung u. Lieferung Tech. Characteristics –––––	Oberflächenangaben nach MTN5033	Masse/Mass –––– kg
Oberflächenschutz Surface Protection –––––	Surface Specification per MTN5033	Format/Size A
Verwendbar bzw. typ Applicable to Model –––––	Allgemeine Fertigungsvorschriften nach MAN 332	Werkstoff Material –––––––––
Projekt-/Auftrags-Nr. Project/Order No. –––––	Production Specification per MAN 332	Halbzeug,Modell,Gesenk Semifinished Product, ––––
Referenz-Nr./Ref.No. –––––	Emission ID –––––	Pattern,Die –––
	block level 12.10.2020	Material-Nr./Material-No. XZG25K0000013

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	Name	Datum/Date
ACAD		
Erstellt/Drawn	groenke_do	06.10.2020
Geprüft/Checked	groenke_do	06.10.2020
Norm. Dept.	carsten_jd	12.10.2020
Appr. Checked	carsten_jd	12.10.2020

Benennung/Title AO Arrangement ––––

ARRANGEMENT DRAWING
1GEN BREAKERS
ELECTRICAL SYSTEM DRAWING

Zeichnungs-Nr./Drawing No. CAD06787676

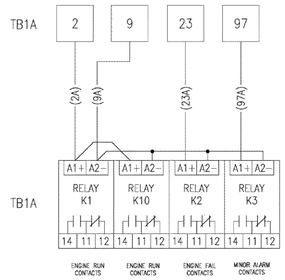
Beschreibung/Description ––––

Blatt Sheet 1/1

Massmass Abmass in Zentimeter cm

LEGEND:
D1 DIODE
D2 DIODE
F4 FUSE ATO 3A
F5 FUSE ATO 3A
TB1 TERMINAL BLOCK 1
TB1A TERMINAL BLOCK 1A

4 RELAY OPTION



Änderungsbeschreibung/Description of revision		kommt vor/Frequency	
INITIAL RELEASE			
Buchst./Rev.Ltr.	Änderungs-Nr./Revision Notice No.	Bearbeitungsstatus/Lifecycle	
–.1	PR062671	Released	

Allgemeintoleranzen / General Tolerances ISO 2768–mK		Massstab/Scale	Masse/Mass kg Format/Size
Tolerierung / Tolerancing ISO 8015	Masse / Size ISO 14405		---- A
Ausführung u. Lieferung Tech. Characteristics ----	Oberflächenangaben nach MTND033	Werkstoff Material ----------	
Oberflächenschutz Surface Protection ----	Surface Specification per MTND033		
Verwendbar fuer Typ Applicable to Model ----	Allgemeine Fertigungsvorschriften nach MAN 332	Halbzeug,Modell,Gesenk Semifinished Product, Pattern,Die ----	
Projekt-/Auftrags-Nr. Project/Order No. ----	Production Specification per MAN 332	Werkstoff-Nr./Material-No.	
Referenz-Nr./Ref.No. ----	Emission ID ----	block level 17.10.2020 ----	XZG25K0000019

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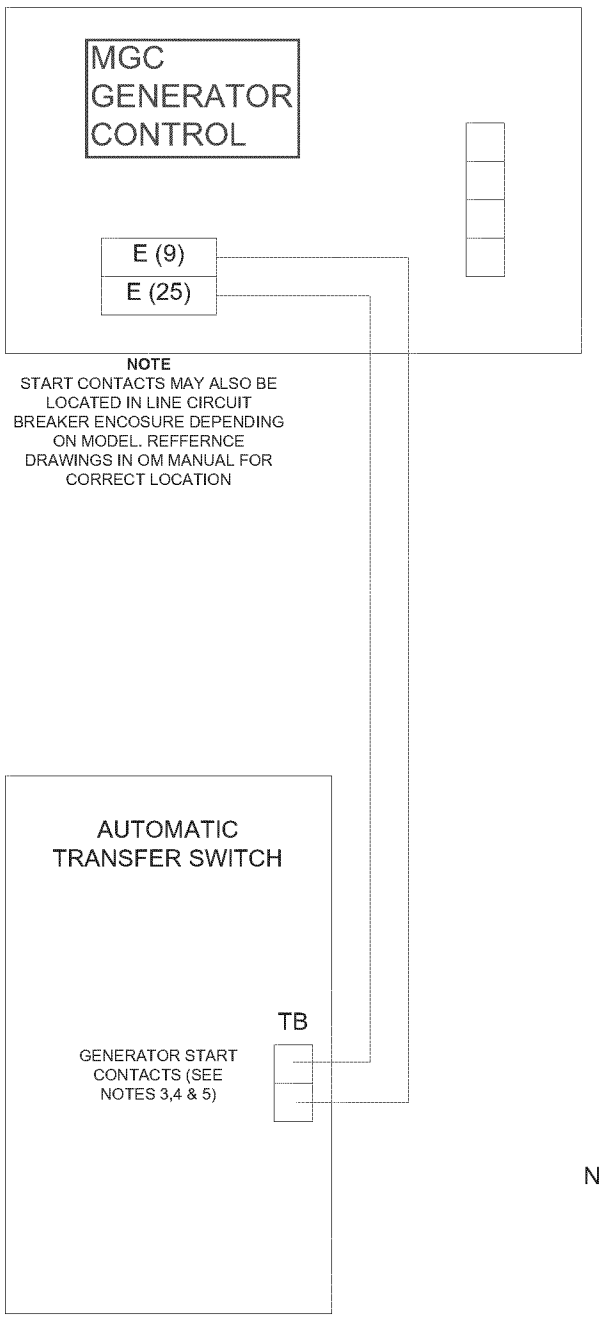
	Datum/Date	Name
ACAD		
Drawn	09.10.2020	groenke_do
Check	10.10.2020	groenke_do
Norm	12.10.2020	carsten_jd
Appr.		
Checked	12.10.2020	carsten_jd

Benennung/Title AO Arrangement
---- ----
ARRANGEMENT DRAWING
1GEN OPTIONS
ELECTRICAL SYSTEM DRAWING

Zeichnungs-Nr./Drawing No. CAD06790329
Beschreibung/Description ----
Blatt Sheet 1/2

Rissmass Fit | Abmass in Deviation µm

onsite energy



NOTES:

1. For ultiple ransfer s itche , dai y c ain the contact for g nerator tar .

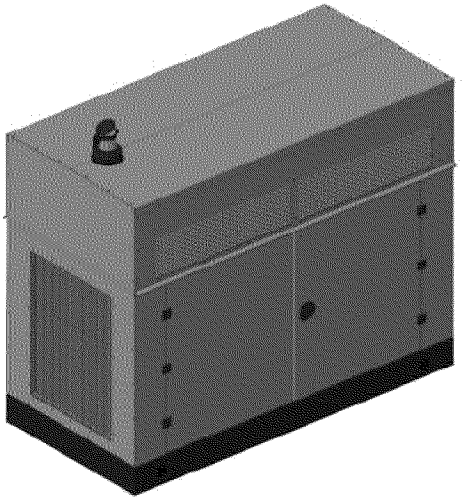
2. ATS ontrol Inter onnect iri g. Two s randed copper wires requ red
0- 7 0 F et -20 Gauge
700- 1125 Fee – 18 Gaug

. F r conta t landi locations in trans er swi ch re er to the wiri g drawi includ d wi h t e transf r switch.

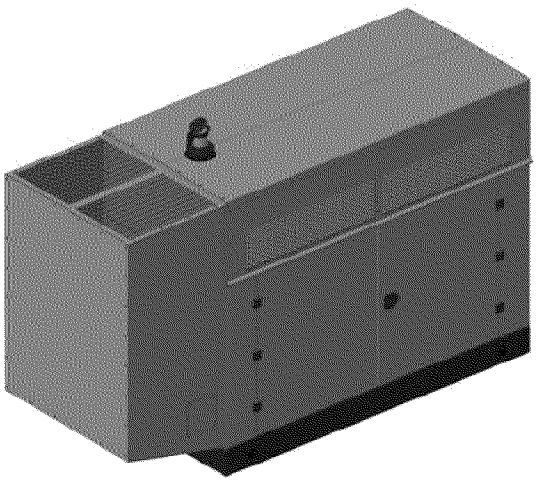
BASIC INTERCONNECT DRAWING FOR MGC CONTROL WITH TRANSFER SWITCH

Enclosure and Sound Data Sheet - Gas, Open Field

60 Hz: 150 kW Standby



Level 1 Enclosure (pictured)



Level 3 Enclosure (pictured)

Enclosure Level Identification	
Level 1	Skid-mounted weather-protective enclosure constructed of heavy gauge steel or aluminum with fixed stormproof panels designed for 130 mph wind load rating. Enclosure consists of a bolted and welded construction with unit-mounted internal silencer. Hinged, lockable double-door access on both sides of the enclosure.
Level 2	Level 1 enclosure with UL 94 HF-1 compliant, 1.5" thick sound attenuated foam insulation installed on enclosure walls.
Level 3	Level 2 enclosure with air exhaust scoop including UL 94 HF-1 compliant, 1.5" thick sound attenuated foam insulation.
Level 3 Plus	Level 3 enclosure with UL 94 HF-1 compliant, 1.5" thick sound attenuated foam on enclosure walls and ceiling.

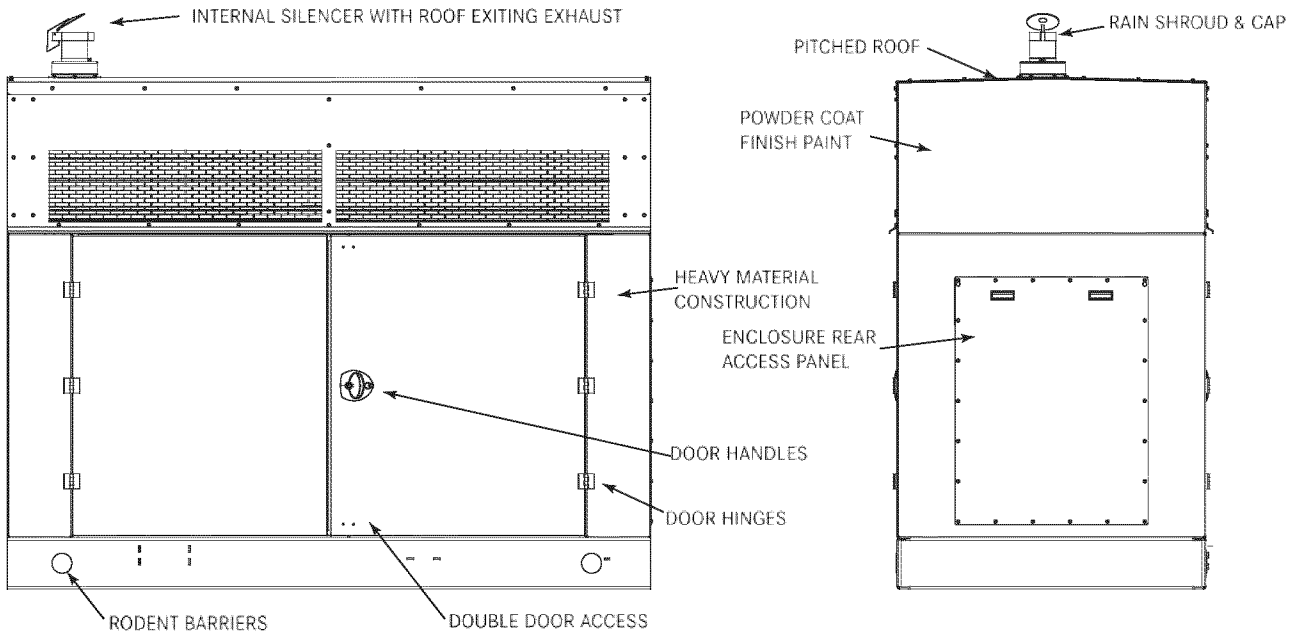
CERTIFICATIONS AND STANDARDS

- UL 2200
- CE Marking Provided
- CSA C22.2 No. 100
- CSA C22.2 No. 14

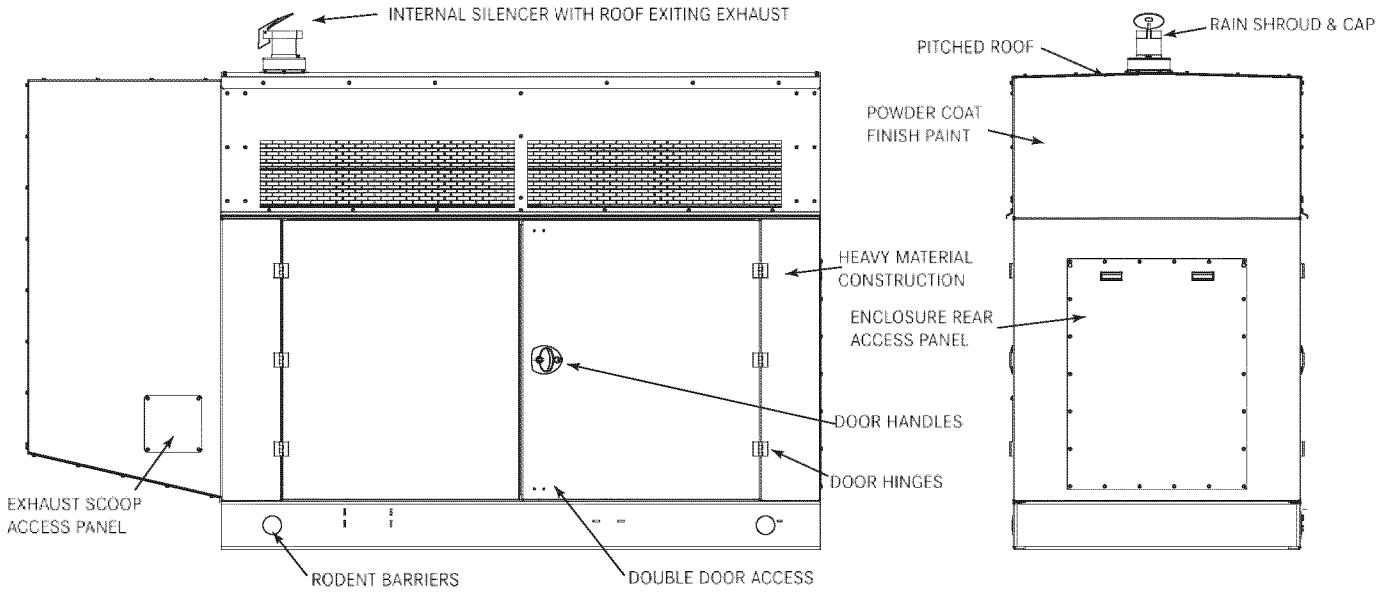
STANDARD FEATURES FOR ALL LEVELS

- Heavy material construction
  - Steel enclosure: 1.9 mm (0.075 in) - 14 gauge or greater thickness
  - Aluminum enclosure: 2.3 mm (0.09 in) or greater thickness
- 130 mph wind rating
- Service access
  - Double door access gives ease of service to all components
- Pitched roof
- Rain shroud
- Rain cap
- Rodent barriers
- Exhaust scoop access panel and drain
- Hardware
  - Powder coated hinges with stainless steel pins
  - Key-lockable and pad-lockable powder coated door handles
- Powder coat finish paint: RAL 7001 Silver Grey standard
  - Custom colors available upon request
- Internal silencer (Hospital Grade)
  - Insulated silencer
  - Stainless steel flexible exhaust connections (where applicable)

Enclosure and Sound Data Sheet - Gas, Open Field
60 Hz: 150 kW Standby



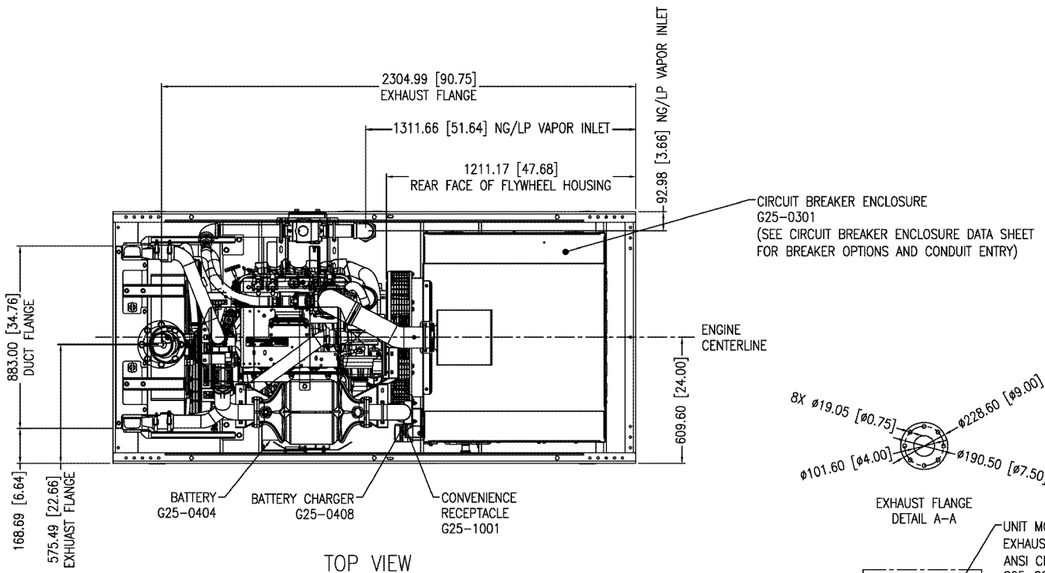
Level 1 Enclosure (pictured)



Level 3 Enclosure (pictured)

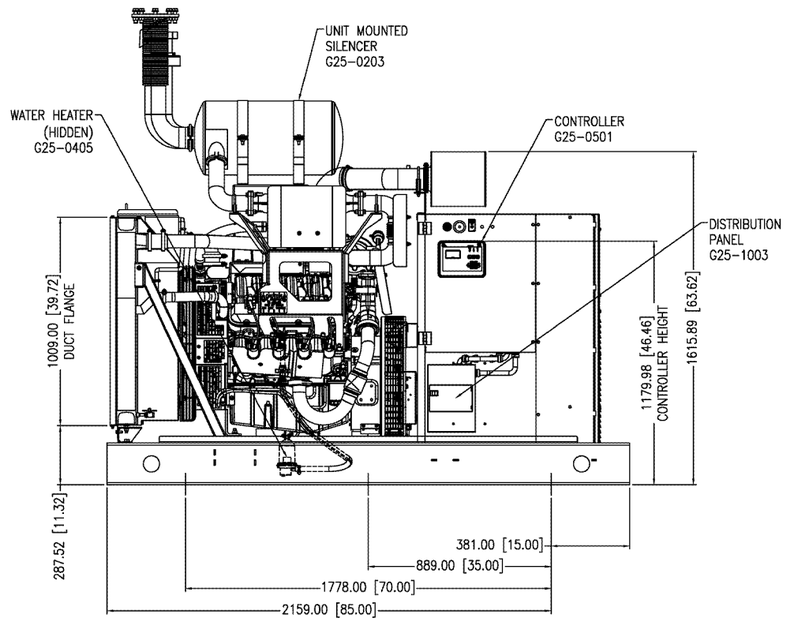
OPTIONAL FEATURES

- Door restraints
- LED light package
- Enclosure space heater
- Motorized intake louvers
- 190 mph wind rating
- Distribution panel
- Gravity exhaust louvers
- For other custom options, please consult factory.

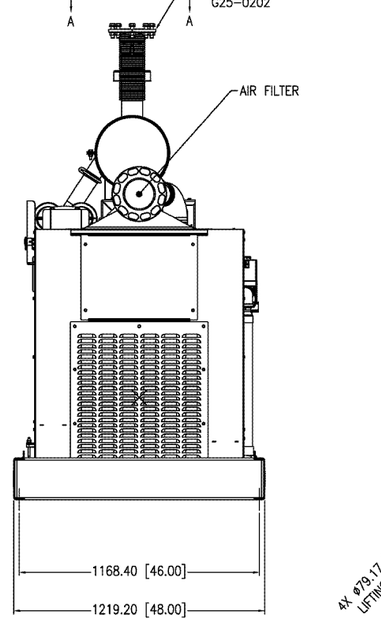


TOP VIEW

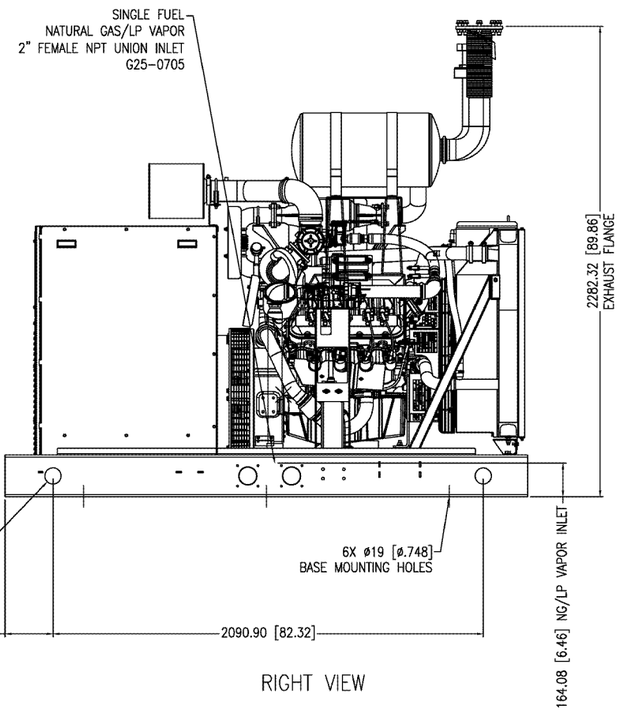
EXHAUST FLANGE
DETAIL A-A



LEFT VIEW



REAR VIEW



RIGHT VIEW

REVISION	DATE	DESCRIPTION

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APPLICABLE MODELS:
MTU 8V0110 GS150

THIRD ANGLE PROJECTION

DRAWN TO SCALE
DIMENSIONS: MM [INCH]

DATE CREATED: 2020-12-12

DIMENSIONAL LAYOUT

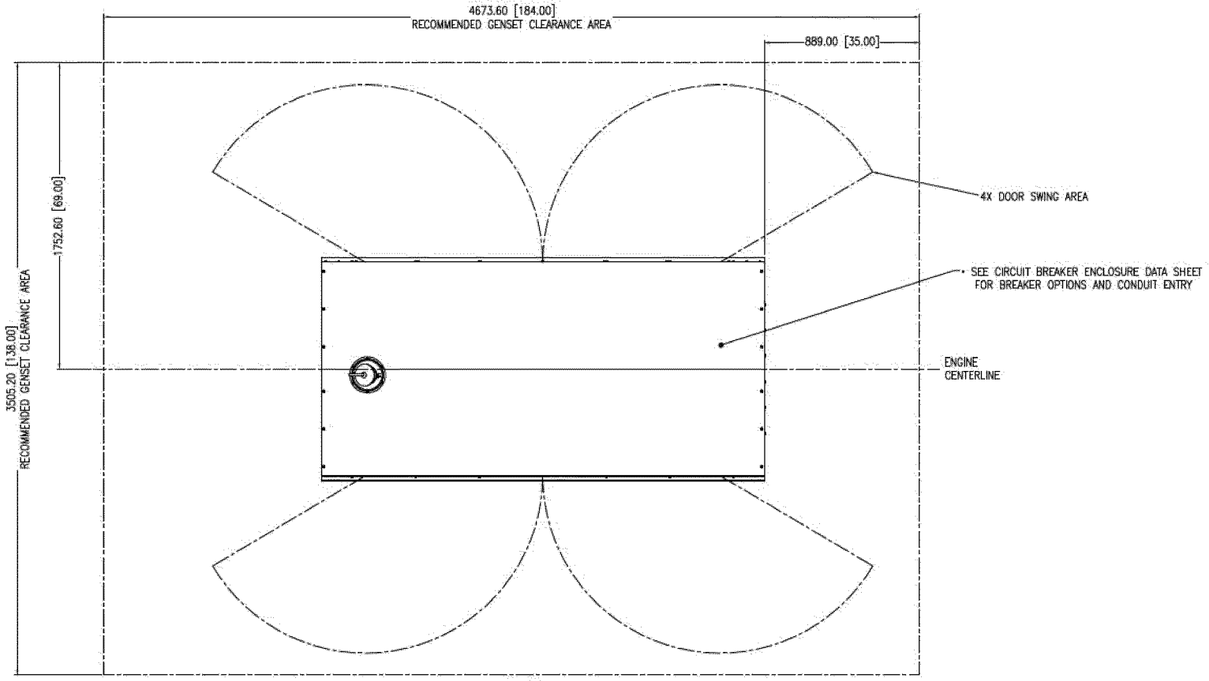
DESCRIPTION: 150 kW Genset, Housed Base

ENGINE: PSI 8.8LT CAC

WEIGHT (MIN-MAX): 1540-1820 KG 3400-4000 LB

DRAWING NUMBER: XZG2500100034

SHEET: 1 of 2

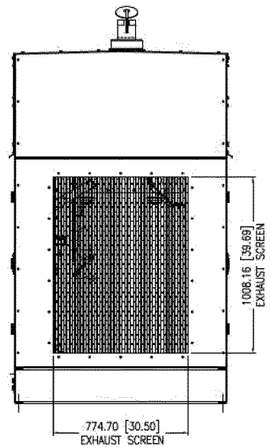


TOP VIEW

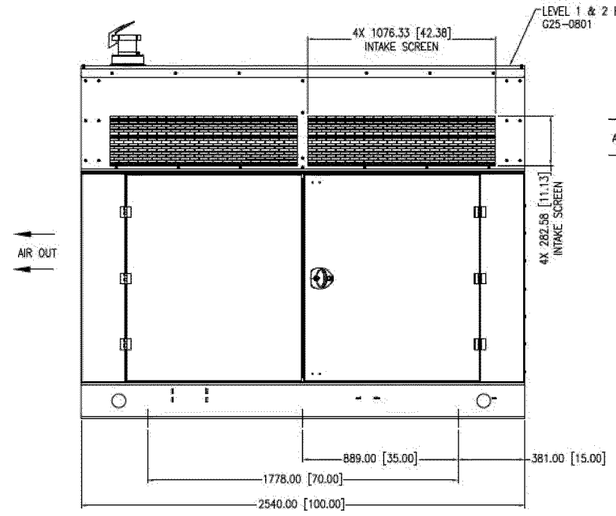
DRAWING OPTIONS 150kW PSI 8.8LT CAC			SELECTED OPTIONS
Group	Drawing Code	Description	
Housing Options, Exterior	G25-0801	Level 1 & 2 Housing	✓
	G25-0802	Level 3 Housing	
	G25-0803	Air Exhaust Gravity Louver	
Housing Options, Interior	G25-0901	Air Intake Motorized Louver	
	G25-0902	Interior Housing Lights	
	G25-0903	Space Heater	

Reference the Drawing Options table and within the Layer Properties turn on/off the Drawing Codes that may or may not apply to your configuration.

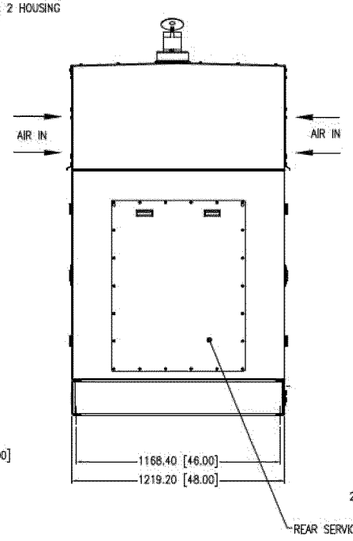
Note: Some options may not be referenced. Only options which visibly change the drawing are selectable



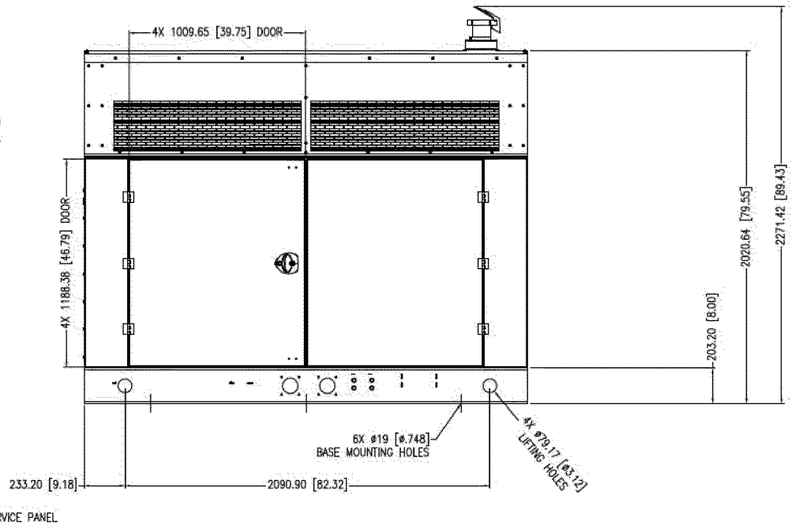
FRONT VIEW



LEFT VIEW



REAR VIEW



RIGHT VIEW

REVISION	DATE	DESCRIPTION

A Rolls-Royce solution

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APPLICABLE MODELS:
MTU 8V0110 GS150

THIRD ANGLE PROJECTION

DRAWN TO SCALE
DIMENSIONS: MM [INCH]

DATE CREATED: 2021-02-26

DIMENSIONAL LAYOUT

DESCRIPTION: 150 kW Genset Housing

ENGINE: PSI 8.8LT CAC

WEIGHT (MIN-MAX): 2040-2500 KG 4500-5500 LB

DRAWING NUMBER: XZG2500100035

SHEET: 1 of 1

PERFORMANCE DATA [EM0067]

FEBRUARY 15, 2024

For Help Desk Phone Numbers Click here

Perf No: EM0067 **Change Level:** 02

General | Heat Rejection | Emissions | Regulatory | Altitude Derate | Cross Reference | Perf Param Ref

View PDF

SALES MODEL:	C18	**COMBUSTION:**	DIRECT INJECTION
BRAND:	CAT	**ENGINE SPEED (RPM):**	1,900
MACHINE SALES MODEL:		**ASPIRATION:**	TA
ENGINE POWER (BHP):	600	**AFTERCOOLER TYPE:**	SCAC
COMPRESSION RATIO:	16.3	**AFTERCOOLER CIRCUIT TYPE:**	JW+OC, AC
RATING LEVEL:	STANDBY - FMS/ULI	**AFTERCOOLER TEMP (F):**	95
PUMP QUANTITY:	1	**JACKET WATER TEMP (F):**	192.2
FUEL TYPE:	DIESEL	**TURBO CONFIGURATION:**	PARALLEL
MANIFOLD TYPE:	DRY	**TURBO QUANTITY:**	2
GOVERNOR TYPE:	ELEC	**TURBOCHARGER MODEL:**	S310S089-1.00
INJECTOR TYPE:	EUI	**CERTIFICATION YEAR:**	2008
REF EXH STACK DIAMETER (IN):	6	**PISTON SPD @ RATED ENG SPD (FT/MIN):**	2,281.5
MAX OPERATING ALTITUDE (FT):	302		

INDUSTRY	SUB INDUSTRY	APPLICATION
INDUSTRIAL	FIRE PUMP	INDUSTRIAL

General Performance Data Top

PERCENT LOAD	ENGINE POWER	BRAKE MEAN EFF PRES (BMEP)	BRAKE SPEC FUEL CONSUMPTN (BSFC)	ISO BRAKE SPEC FUEL CONSUMPTN (BSFC)	VOL FUEL CONSUMPTN (VFC)	ISO VOL FUEL CONSUMPTN (VFC)
%	BHP	PSI	LB/BHP-HR	LB/BHP-HR	GAL/HR	GAL/HR
100	600	226	0.362	0.357	30.6	30.2
90	540	203	0.372	0.367	28.3	27.9
80	480	181	0.384	0.378	26.0	25.6
75	450	170	0.390	0.384	24.7	24.4
70	420	158	0.394	0.388	23.3	23.0
60	360	136	0.402	0.396	20.4	20.1
50	300	113	0.407	0.401	17.2	17.0
40	240	90	0.401	0.395	13.6	13.4
30	180	68	0.395	0.390	10.0	9.9
25	150	57	0.399	0.393	8.4	8.3
20	120	45	0.419	0.413	7.1	7.0
10	60.0	23	0.566	0.558	4.8	4.7

PERCENT LOAD	ENGINE POWER	INLET MFLD PRES	INLET MFLD TEMP	EXH MFLD TEMP	EXH MFLD PRES	ENGINE OUTLET TEMP	COMPRESSOR OUTLET PRES	COMPRESSOR OUTLET TEMP
%	BHP	IN-HG	DEG F	DEG F	IN-HG	DEG F	IN-HG	DEG F
100	600	56.9	121.0	1,158.6	51.8	820.3	62	370.6
90	540	53.6	118.2	1,129.3	49.0	808.5	59	356.0
80	480	50.3	115.7	1,096.4	45.9	788.7	55	341.4

PERCENT LOAD	ENGINE POWER	INLET MFLD PRES	INLET MFLD TEMP	EXH MFLD TEMP	EXH MFLD PRES	ENGINE OUTLET TEMP	COMPRESSOR OUTLET PRES	COMPRESSOR OUTLET TEMP
75	450	48.5	114.3	1,078.2	44.2	777.1	53	333.8
70	420	46.0	112.5	1,058.3	41.7	765.9	51	323.6
60	360	40.0	108.8	1,008.0	36.2	738.1	44	297.8
50	300	32.6	105.2	943.5	29.8	703.1	36	265.0
40	240	22.0	101.5	827.8	21.4	621.8	25	213.3
30	180	12.4	97.9	701.3	14.0	541.3	15	164.7
25	150	8.6	96.1	639.0	11.0	501.3	11	145.0
20	120	6.3	95.5	583.6	9.2	461.5	8	132.6
10	60.0	4.4	95.6	478.7	7.7	382.6	6	119.8

PERCENT LOAD	ENGINE POWER	WET INLET AIR VOL FLOW RATE	ENGINE OUTLET WET EXH GAS VOL FLOW RATE	WET INLET AIR MASS FLOW RATE	WET EXH GAS MASS FLOW RATE	WET EXH VOL FLOW RATE (32 DEG F AND 29.98 IN HG)	DRY EXH VOL FLOW RATE (32 DEG F AND 29.98 IN HG)
%	BHP	CFM	CFM	LB/HR	LB/HR	FT3/MIN	FT3/MIN
100	600	1,496.9	3,757.5	6,639.1	6,856.5	1,443.4	1,331.3
90	540	1,456.1	3,596.5	6,421.8	6,622.7	1,394.4	1,289.3
80	480	1,411.7	3,413.8	6,196.3	6,380.2	1,344.6	1,247.1
75	450	1,385.6	3,307.7	6,072.1	6,247.3	1,314.9	1,221.6
70	420	1,348.4	3,176.1	5,888.6	6,054.1	1,274.2	1,185.6
60	360	1,253.7	2,862.6	5,434.1	5,578.8	1,175.1	1,096.5
50	300	1,131.4	2,481.2	4,861.4	4,983.6	1,049.1	981.9
40	240	945.2	1,944.5	4,026.6	4,122.7	884.0	830.2
30	180	772.1	1,444.8	3,258.5	3,329.6	709.7	668.9
25	150	703.0	1,240.2	2,953.8	3,013.6	634.5	599.2
20	120	661.4	1,106.2	2,771.7	2,822.0	590.4	559.8
10	60.0	623.4	954.6	2,611.1	2,645.3	557.3	534.2

Heat Rejection Data Top

PERCENT LOAD	ENGINE POWER	REJECTION TO JACKET WATER	REJECTION TO ATMOSPHERE	REJECTION TO EXH	EXHAUST RECOVERY TO 350F	FROM OIL COOLER	FROM AFTERCOOLER	WORK ENERGY	LOW HEAT VALUE ENERGY	HIGH HEAT VALUE ENERGY
%	BHP	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN
100	600	8,946	4,150	25,784	13,545	3,548	6,636	25,449	66,618	70,965
90	540	8,084	4,214	24,344	12,727	3,283	6,116	22,904	61,639	65,661
80	480	7,796	3,731	22,674	11,696	3,008	5,601	20,359	56,476	60,161
75	450	7,712	3,354	21,770	11,133	2,863	5,337	19,086	53,753	57,261
70	420	7,396	3,178	20,698	10,487	2,703	4,978	17,814	50,753	54,064
60	360	6,555	3,098	18,219	8,987	2,363	4,113	15,269	44,359	47,253
50	300	5,564	3,122	15,360	7,276	1,994	3,111	12,724	37,439	39,882
40	240	5,098	3,157	11,158	4,598	1,570	1,803	10,180	29,473	31,396
30	180	4,580	2,424	7,739	2,594	1,162	872	7,635	21,824	23,248
25	150	4,241	1,963	6,404	1,850	977	578	6,363	18,351	19,549
20	120	3,843	1,667	5,403	1,270	821	412	5,090	15,409	16,414
10	60.0	3,044	1,329	3,927	344	555	253	2,545	10,418	11,098

Emissions Data Top

Units Filter All Units

DIESEL

RATED SPEED NOMINAL DATA: 1900 RPM

ENGINE POWER		BHP	600	450	300	150	60.0
PERCENT LOAD		%	100	75	50	25	10
TOTAL NOX (AS NO2)		G/HR	1,800	1,034	628	1,507	698
TOTAL CO		G/HR	243	148	157	141	221
TOTAL HC		G/HR	31	46	36	23	30
TOTAL CO2		KG/HR	307	247	173	83	49
PART MATTER		G/HR	44.7	41.9	41.0	13.0	15.0
TOTAL NOX (AS NO2)	(CORR 5% O2)	MG/NM3	1,297.9	935.7	824.0	3,955.6	3,082.7
TOTAL CO	(CORR 5% O2)	MG/NM3	176.8	133.6	200.3	373.8	965.1
TOTAL HC	(CORR 5% O2)	MG/NM3	19.5	35.6	39.4	53.1	114.1
PART MATTER	(CORR 5% O2)	MG/NM3	27.4	32.5	45.1	30.6	59.6
TOTAL NOX (AS NO2)	(CORR 5% O2)	PPM	632	456	401	1,927	1,502
TOTAL CO	(CORR 5% O2)	PPM	141	107	160	299	772
TOTAL HC	(CORR 5% O2)	PPM	36	66	74	99	213
TOTAL NOX (AS NO2)		G/HP-HR	3.03	2.32	2.11	10.08	11.67
TOTAL CO		G/HP-HR	0.41	0.33	0.53	0.94	3.70
TOTAL HC		G/HP-HR	0.05	0.10	0.12	0.15	0.51
PART MATTER		G/HP-HR	0.08	0.09	0.14	0.09	0.25
TOTAL NOX (AS NO2)		LB/HR	3.97	2.28	1.39	3.32	1.54
TOTAL CO		LB/HR	0.54	0.33	0.35	0.31	0.49
TOTAL HC		LB/HR	0.07	0.10	0.08	0.05	0.07
TOTAL CO2		LB/HR	676	544	382	182	107
PART MATTER		LB/HR	0.10	0.09	0.09	0.03	0.03
OXYGEN IN EXH		%	10.9	12.2	13.2	14.6	16.7
DRY SMOKE OPACITY		%	1.2	1.2	1.5	0.6	0.7
BOSCH SMOKE NUMBER			0.80	0.79	0.99	0.34	0.43

RATED SPEED POTENTIAL SITE VARIATION: 1900 RPM

ENGINE POWER		BHP	600	450	300	150	60.0
PERCENT LOAD		%	100	75	50	25	10
TOTAL NOX (AS NO2)		G/HR	1,944	1,117	679	1,628	754
TOTAL CO		G/HR	455	277	294	264	414
TOTAL HC		G/HR	58	86	67	44	57
PART MATTER		G/HR	87.1	81.7	80.0	25.4	29.3
TOTAL NOX (AS NO2)	(CORR 5% O2)	MG/NM3	1,401.7	1,010.6	889.9	4,272.0	3,329.3
TOTAL CO	(CORR 5% O2)	MG/NM3	330.6	249.9	374.6	699.0	1,804.8
TOTAL HC	(CORR 5% O2)	MG/NM3	36.8	67.3	74.5	100.4	215.6
PART MATTER	(CORR 5% O2)	MG/NM3	53.4	63.3	87.9	59.7	116.1
TOTAL NOX (AS NO2)	(CORR 5% O2)	PPM	683	492	433	2,081	1,622
TOTAL CO	(CORR 5% O2)	PPM	264	200	300	559	1,444
TOTAL HC	(CORR 5% O2)	PPM	69	126	139	188	402
TOTAL NOX (AS NO2)		G/HP-HR	3.28	2.51	2.28	10.89	12.61
TOTAL CO		G/HP-HR	0.77	0.62	0.99	1.76	6.93
TOTAL HC		G/HP-HR	0.10	0.19	0.23	0.29	0.96
PART MATTER		G/HP-HR	0.15	0.18	0.27	0.17	0.49
TOTAL NOX (AS NO2)		LB/HR	4.29	2.46	1.50	3.59	1.66
TOTAL CO		LB/HR	1.00	0.61	0.65	0.58	0.91
TOTAL HC		LB/HR	0.13	0.19	0.15	0.10	0.13
PART MATTER		LB/HR	0.19	0.18	0.18	0.06	0.06

Regulatory Information Top

EPA TIER 3 **2005 - 2010**

GASEOUS EMISSIONS DATA MEASUREMENTS PROVIDED TO THE EPA ARE CONSISTENT WITH THOSE DESCRIBED IN EPA 40 CFR PART 89 SUBPART D AND ISO 8178 FOR MEASURING HC, CO, PM, AND NOX. THE "MAX LIMITS" SHOWN BELOW ARE WEIGHTED CYCLE AVERAGES AND ARE IN COMPLIANCE WITH THE NON-ROAD REGULATIONS.

EPA TIER 3 **2005 - 2010**

Locality	Agency	Regulation	Tier/Stage	Max Limits - G/BKW - HR
U.S. (INCL CALIF)	EPA	NON-ROAD	TIER 3	CO: 3.5 NOx + HC: 4.0 PM: 0.20

EPA EMERGENCY STATIONARY **2011 - ----**

GASEOUS EMISSIONS DATA MEASUREMENTS PROVIDED TO THE EPA ARE CONSISTENT WITH THOSE DESCRIBED IN EPA 40 CFR PART 60 SUBPART IIII AND ISO 8178 FOR MEASURING HC, CO, PM, AND NOX. THE "MAX LIMITS" SHOWN BELOW ARE WEIGHTED CYCLE AVERAGES AND ARE IN COMPLIANCE WITH THE EMERGENCY STATIONARY REGULATIONS.

Locality	Agency	Regulation	Tier/Stage	Max Limits - G/BKW - HR
U.S. (INCL CALIF)	EPA	STATIONARY	EMERGENCY STATIONARY	CO: 3.5 NOx + HC: 6.4 PM: 0.20

Altitude Derate Data Top

STANDARD

ALTITUDE CORRECTED POWER CAPABILITY (BHP)

AMBIENT OPERATING TEMP (F)	50	60	70	80	90	100	110	120	130	NORMAL
ALTITUDE (FT)										
0	600	600	600	600	592	582	572	562	552	600
1,000	600	600	592	581	571	560	551	541	532	587
2,000	592	581	570	559	549	539	530	521	512	568
3,000	570	559	549	538	529	519	510	501	493	551
4,000	549	538	528	518	509	500	491	482	474	534
5,000	528	517	508	498	489	480	472	464	456	517
6,000	507	497	488	479	470	462	454	446	438	500
7,000	487	478	469	460	452	444	436	429	421	484
8,000	468	459	451	442	434	426	419	412	405	468
9,000	450	441	433	425	417	410	402	395	389	453
10,000	432	423	415	408	400	393	386	380	373	438
11,000	414	406	399	391	384	377	371	364	358	423
12,000	397	390	382	375	369	362	356	349	344	409
13,000	381	374	367	360	353	347	341	335	329	395
14,000	365	358	351	345	339	333	327	321	316	381
15,000	350	343	337	330	324	319	313	308	302	368

Cross Reference Top

Test Spec	Setting	Engine Arrangement	Engineering Model	Engineering Model Version	Start Effective Serial Number	End Effective Serial Number
0K9054	PP6863	3311789	E978	-	NBB00003	
0K9053	PP7796	4343750	E978	-	WJB00001	
0K9054	PP6863	4343754	E978	-	WJB00001	
5526560	NAP	5526061	E709	-	WRH00001	

Performance Parameter Reference Top

Parameters Reference: DM9600 - 14

PERFORMANCE DEFINITIONS

PERFORMANCE DEFINITIONS DM9600

APPLICATION: Engine performance tolerance values below are representative of a typical production engine tested in a calibrated dynamometer test cell at SAE J1995 standard reference conditions. Caterpillar maintains ISO9001:2000 certified quality management systems for engine test Facilities to assure accurate calibration of test equipment. Engine test data is corrected in accordance with SAE J1995. Additional reference material SAE J1228, J1349, ISO 8665, 3046-1:2002E, 3046-3:1989, 1585, 2534, 2288, and 9249 may apply in part or are similar to SAE J1995. Special engine rating request (SERR) test data shall be noted.

PERFORMANCE PARAMETER TOLERANCE FACTORS: Power +/- 3% Torque +/- 3% Exhaust stack temperature +/- 8% Inlet airflow +/- 5% Intake manifold pressure-gage +/- 10% Exhaust flow +/- 6% Specific fuel consumption +/- 3% Fuel rate +/- 5% Specific DEF consumption +/- 3% DEF rate +/- 5% Heat rejection +/- 5% Heat rejection exhaust only +/- 10% Heat rejection CEM only +/- 10%
Heat Rejection values based on using treated water.
Torque is included for truck and industrial applications, do not use for Gen Set or steady state applications.
On C7 - C18 engines, at speeds of 1100 RPM and under these values are provided for reference only, and may not meet the tolerance listed.
On 3500 and C175 engines, at speeds below Peak Torque these values are provided for reference only, and may not meet the tolerance listed.
These values do not apply to C280/3600. For these models, see the tolerances listed below.

C280/3600 HEAT REJECTION TOLERANCE FACTORS: Heat rejection +/- 10% Heat rejection to Atmosphere +/- 50% Heat rejection to Lube Oil +/- 20% Heat rejection to Aftercooler +/- 5%

TEST CELL TRANSDUCER TOLERANCE FACTORS: Torque +/- 0.5% Speed +/- 0.2% Fuel flow +/- 1.0% Temperature +/- 2.0 C degrees Intake manifold pressure +/- 0.1 kPa
OBSERVED ENGINE PERFORMANCE IS CORRECTED TO SAE J1995 REFERENCE AIR AND FUEL CONDITIONS.

REFERENCE ATMOSPHERIC INLET AIR FOR 3500 ENGINES AND SMALLER SAE J1228 AUG2002 for marine engines, and J1995 JAN2014 for other engines, reference atmospheric pressure is 100 KPA (29.61 in hg), and standard temperature is 25deg C (77 deg F) at 30% relative humidity at the stated aftercooler water temp, or inlet manifold temp.
FOR 3600 ENGINES Engine rating obtained and presented in accordance with ISO 3046/1 and SAE J1995 JANJAN2014 reference atmospheric pressure is 100 KPA (29.61 in hg), and standard temperature is 25deg C (77 deg F) at 30% relative humidity and 150M altitude at the stated aftercooler water temperature.

MEASUREMENT LOCATION FOR INLET AIR TEMPERATURE Location for air temperature measurement air cleaner inlet at stabilized operating conditions.

REFERENCE EXHAUST STACK DIAMETER The Reference Exhaust Stack Diameter published with this dataset is only used for the calculation of Smoke Opacity values displayed in this dataset. This value does not necessarily represent the actual stack diameter of the engine due to the variety of exhaust stack adapter options available. Consult the price list, engine order or general dimension drawings for the actual stack diameter size ordered or options available.

REFERENCE FUEL DIESEL Reference fuel is #2 distillate diesel with a 35API gravity; A lower heating value is 42,780 KJ/KG (18,390 BTU/LB) when used at 15 deg C (59 deg F), where the density is 850 G/Liter (7.0936 Lbs/Gal).
GAS Reference natural gas fuel has a lower heating value of 33.74 KJ/L (905 BTU/CU Ft). Low BTU ratings are based on 18.64 KJ/L (500 BTU/CU FT) lower heating value gas. Propane ratings are based on 87.56 KJ/L (2350 BTU/CU Ft) lower heating value gas.

ENGINE POWER (NET) IS THE CORRECTED FLYWHEEL POWER (GROSS) LESS EXTERNAL AUXILIARY LOAD Engine corrected gross output includes the power required to drive standard equipment; lube oil, scavenge lube oil, fuel transfer, common rail fuel, separate circuit aftercooler and jacket water pumps. Engine net power available for the external (flywheel) load is calculated by subtracting the sum of auxiliary load from the corrected gross flywheel out put power. Typical auxiliary loads are radiator cooling fans, hydraulic pumps, air compressors and battery charging alternators. For Tier 4 ratings additional Parasitic losses would also include Intake, and Exhaust Restrictions.

ALTITUDE CAPABILITY Altitude capability is the maximum altitude above sea level at standard temperature and standard pressure at which the engine could develop full rated output power on the current performance data set.
Standard temperature values versus altitude could be seen on TM2001.
When viewing the altitude capability chart the ambient temperature is the inlet air temp at the compressor inlet.
Engines with ADEM MEUI and HEUI fuel systems operating at conditions above the defined altitude capability derate for atmospheric pressure and temperature conditions outside the values defined, see TM2001.
Mechanical governor controlled unit injector engines require a setting change for operation at conditions above the altitude defined on the engine performance sheet. See your Caterpillar technical representative

for non standard ratings.

REGULATIONS AND PRODUCT COMPLIANCE TMI Emissions information is presented at 'nominal' and 'Potential Site Variation' values for standard ratings. No tolerances are applied to the emissions data. These values are subject to change at any time. The controlling federal and local emission requirements need to be verified by your Caterpillar technical representative.
Customer's may have special emission site requirements that need to be verified by the Caterpillar Product Group engineer.

EMISSION CYCLE LIMITS: Cycle emissions Max Limits apply to cycle-weighted averages only. Emissions at individual load points may exceed the cycle-weighted limit.

WET & DRY EXHAUST/EMISSIONS DESCRIPTION: Wet - Total exhaust flow or concentration of total exhaust flow Dry - Total exhaust flow minus water vapor or concentration of exhaust flow with water vapor excluded

EMISSIONS DEFINITIONS: Emissions : DM1176

EMISSION CYCLE DEFINITIONS
1. For constant-speed marine engines for ship main propulsion, including,diesel-electric drive, test cycle E2 shall be applied, for controllable-pitch propeller sets test cycle E2 shall be applied.
2. For propeller-law-operated main and propeller-law-operated auxiliary engines the test cycle E3 shall be applied.
3. For constant-speed auxiliary engines test cycle D2 shall be applied.
4. For variable-speed, variable-load auxiliary engines, not included above, test cycle C1 shall be applied.

HEAT REJECTION DEFINITIONS: Diesel Circuit Type and HHV Balance : DM9500

HIGH DISPLACEMENT (HD) DEFINITIONS: 3500: EM1500

RATING DEFINITIONS: Agriculture : TM6008
Fire Pump : TM6009
Generator Set : TM6035
Generator (Gas) : TM6041
Industrial Diesel : TM6010
Industrial (Gas) : TM6040
Irrigation : TM5749
Locomotive : TM6037
Marine Auxiliary : TM6036
Marine Prop (Except 3600) : TM5747
Marine Prop (3600 only) : TM5748
MSHA : TM6042
Oil Field (Petroleum) : TM6011
Off-Highway Truck : TM6039
On-Highway Truck : TM6038

SOUND DEFINITIONS: Sound Power : DM8702
Sound Pressure : TM7080

Date Released : 10/27/21

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Cat® C18 DIESEL GENERATOR SETS

Standby & Prime: 60Hz

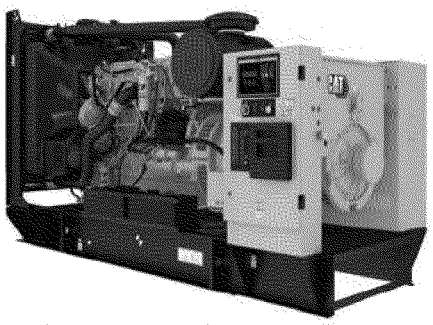


Image shown might not reflect actual configuration

Engine Model	Cat® C18 ACERT™ In-line 6, 4-cycle diesel
Bore x Stroke	145mm x 183mm (5.7in x 7.2in)
Displacement	18.1 L (1106 in³)
Compression Ratio	14.5:1
Aspiration	Turbocharged Air-to-Air Aftercooled
Fuel Injection System	MEUI
Governor	Electronic ADEM™ A4

Model	Standby	Prime	Emission Strategy
C18	600 ekW, 750 kVA	545 ekW, 681 kVA	TIER II Non-Road

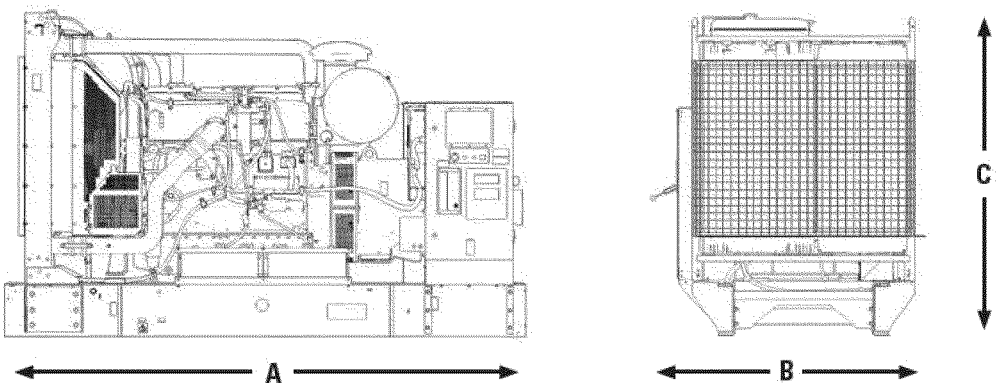
PACKAGE PERFORMANCE

Performance	Standby	Prime
Frequency	60 Hz	
Genset Power Rating	750 kVA	681 kVA
Genset power rating with fan @ 0.8 power factor	600 ekW	545 ekW
Emissions	TIER II Non-Road	
Performance Number	DM8518-04	DM8522-05
Fuel Consumption		
100% load with fan, L/hr (gal/hr)	161.6 (42.7)	151.1 (39.9)
75% load with fan, L/hr (gal/hr)	129.6 (34.2)	123.6 (32.6)
50% load with fan, L/hr (gal/hr)	91.7 (24.2)	89.2 (23.6)
25% load with fan, L/hr (gal/hr)	46.8 (12.4)	48.7 (12.9)
Cooling System[1]		
Radiator air flow restriction (system), kPa (in. Water)	0.12 (0.48)	0.12 (0.48)
Radiator air flow, m³/min (cfm)	803 (28357)	803 (28357)
Engine coolant capacity, L (gal)	20.8 (5.5)	20.8 (5.5)
Radiator coolant capacity, L (gal)	61 (16)	61 (16)
Total coolant capacity, L (gal)	82 (22)	82 (22)
Inlet Air		
Combustion air inlet flow rate, m³/min (cfm)	47.8 (1687.8)	46.7 (1649.0)
Max. Allowable Combustion Air Inlet Temp, °C (°F)	49 (120)	49 (120)
Exhaust System		
Exhaust stack gas temperature, °C (°F)	534.6 (994.3)	518.2 (964.8)
Exhaust gas flow rate, m³/min (cfm)	135.5 (4784.4)	129.6 (4576.4)
Exhaust system backpressure (maximum allowable) kPa (in. water)	10.0 (40.0)	10.0 (40.0)
Heat Rejection		
Heat rejection to jacket water, kW (Btu/min)	189 (10747)	175 (9953)
Heat rejection to exhaust (total) kW (Btu/min)	634 (36053)	596 (33895)
Heat rejection to aftercooler, kW (Btu/min)	153 (8700)	142 (8076)
Heat rejection to atmosphere from engine, kW (Btu/min)	86 (4902)	83 (4726)

Cat® C18 DIESEL GENERATOR SETS

Emissions (Nominal)[2]	Standby		Prime	
NOx, mg/Nm³ (g/hp-hr)	2798.7 (5.8)		2462.2 (5.1)	
CO, mg/Nm³ (g/hp-hr)	225.2 (0.5)		195.1 (0.4)	
HC, mg/Nm³ (g/hp-hr)	3.8 (0.01)		5.0 (0.01)	
PM, mg/Nm³ (g/hp-hr)	13.3 (0.03)		13.1 (0.03)	
Alternator[3]				
Voltages	480V	600V	480V	600V
Motor starting capability @ 30% Voltage Dip	1633 skVA	2023 skVA	1633 skVA	2023 skVA
Current	902 amps	722 amps	819 amps	656 amps
Frame Size	LC7024F	LC7024H	LC7024F	LC7024H
Excitation	AR	AR	AR	AR
Temperature Rise	150 ° C	130 ° C	125 ° C	105 ° C

WEIGHTS & DIMENSIONS



Dim "A" mm (in)	Dim "B" mm (in)	Dim "C" mm (in)	Dry Weight kg (lb)
3477 (137)	1628 (64)	2102 (83)	4431 (9769)

APPLICABLE CODES AND STANDARDS:

AS1359, CSA C22.2 No100-04, UL142, UL489, UL869, UL2200, NFPA37, NFPA70, NFPA99, NFPA110, IBC, IEC60034-1, ISO3046, ISO8528, NEMA MG1-22, NEMA MG1-33, 2006/95/EC, 2006/42/EC, 2004/108/EC.
Note: Codes may not be available in all model configurations. Please consult your local Cat Dealer representative for availability.

STANDBY: Output available with varying load for the duration of the interruption of the normal source power. Average power output is 70% of the standby power rating. Typical operation is 200 hours per year, with maximum expected usage of 500 hours per year.

PRIME: Output available with varying load for an unlimited time. Average power output is 70% of the prime power rating. Typical peak demand is 100% of prime rated ekW with 10% overload capability for emergency use for a maximum of 1 hour in 12. Overload operation cannot exceed 25 hours per year

RATINGS: Ratings are based on SAE J1349 standard conditions. These ratings also apply at ISO3046 standard conditions.

DEFINITIONS AND CONDITIONS

[1] For ambient and altitude capabilities consult your Cat dealer. Air flow restriction (system) is added to existing restriction from factory.

[2] Emissions data measurement procedures are consistent with those described in EPA CFR 40 Part 89, Subpart D & E and ISO8178-1 for measuring HC, CO, PM, NOx. Data shown is based on steady state operating conditions of 77° F, 28.42 in HG and number 2 diesel fuel with 35° API and LHV of 18,390 BTU/lb. The nominal emissions data shown is subject to instrumentation, measurement, facility and engine to engine variations. Emissions data is based on 100% load and thus cannot be used to compare to EPA regulations which use values based on a weighted cycle.

[3] UL 2200 Listed packages may have oversized generators with a different temperature rise and motor starting characteristics. Generator temperature rise is based on a 40° C ambient per NEMA MG1-32.

LET'S DO THE WORK.™

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LEHE1581-02 (05/20)

DieselNet: Emission Standards

USA: Nonroad Diesel Engines

Background

Applicability

Tier 1-3 Emission Standards

Tier 4 Emission Standards

Test Cycles and Fuels

Environmental Benefit and Cost

Background

Emission standards for nonroad (or off road) engines and vehicles are set by the US EPA. In most cases, federal nonroad engine regulations also apply in California, whose authority to set emission standards for new nonroad engines is limited. The federal Clean Air Act Amendments of 1990 (CAA) preempt California's authority to control emissions from new farm and construction equipment under 175 hp [CAA Section 209(e)(1)(A)] and require California to receive authorization from the federal EPA for controls over other off road sources [CAA Section 209 (e)(2)(A)].

The important steps in nonroad engine emission regulations include:

- **Tier 1-3 Standards.** The first federal standards (Tier 1) for new nonroad diesel engines were adopted in 1994 for engines over 37 kW (50 hp), to be phased in from 1996 to 2000. In 1996, a Statement of Principles (SOP) pertaining to nonroad diesel engines was signed between EPA, California ARB and engine makers (including Caterpillar, Cummins, Deere, Detroit Diesel, Deutz, Isuzu, Komatsu, Kubota, Mitsubishi, Navistar, New Holland, Wis-Con, and Yanmar). On August 27, 1998, the EPA signed the final rule reflecting the provisions of the SOP [2787]. The 1998 regulation introduced Tier 1 standards for

equipment under 37 kW (50 hp) and increasingly more stringent Tier 2 and Tier 3 standards for all equipment with phase in schedules from 2000 to 2008. The Tier 1 3 standards are met through advanced engine design, with no or only limited use of exhaust gas aftertreatment (oxidation catalysts). Tier 3 standards for NOx+HC are similar in stringency to the 2004 standards for heavy duty onroad engines, however Tier 3 standards for PM were never adopted.

- **Tier 4 Standards.** On May 11, 2004, the EPA signed a final rule introducing Tier 4 emission standards, which were phased-in over the period of 2008-2015 [2786]. The Tier 4 standards require that emissions of PM and NOx be further reduced by about 90%. These emission reductions have been achieved through the use of advanced exhaust gas aftertreatment technologies, with most Tier 4 engine families using urea SCR catalysts for NOx control. Some Tier 4 engines also utilize a DPF, while others meet the standards without particulate filters.
- **Tier 5 Standards.** In November 2021, the California Air Resources Board held the first public workshop on the development of Tier 5 emission standards that will seek to further reduce NOx and PM emissions by 50 90%, depending on the engine power category, in the 2028 2030 timeframe. The considered changes also include a new low load certification test cycle (LLAC), extended full useful life (FUL) and emission warranty periods, OBD requirements, and more. However, due to the California preemption, California Tier 5 standards would have a limited scope and could produce only very limited emission reductions, unless a corresponding nonroad engine regulation be adopted by the EPA.

Nonroad Diesel Fuel. At the Tier 1-3 stage, the sulfur content in nonroad diesel fuels was not limited by environmental regulations. The oil industry specification was 0.5% (wt., max), with the average in-use sulfur level of about 0.3% = 3,000 ppm. To enable sulfur-sensitive control technologies in Tier 4 engines such as catalytic particulate filters and NOx adsorbers the EPA mandated reductions in sulfur content in nonroad diesel fuels, as follows:

- 500 ppm effective June 2007 for nonroad, locomotive and marine (NRLM) diesel fuels
- 15 ppm (ultra-low sulfur diesel) effective June 2010 for nonroad fuel, and June 2012 for locomotive and marine fuels

The US nonroad emission standards are harmonized to a certain degree with European nonroad emission standards.

EPA emission standards for nonroad diesel engines are published in the US Code of Federal Regulations, Title 40, Part 89. Regulatory text, fact sheets and related documents are available from the EPA web site [2788].

Applicability

The nonroad standards cover mobile *nonroad diesel engines* of all sizes used in a wide range of construction, agricultural and industrial equipment. The EPA definition of the *nonroad engine* is based on the principle of mobility/portability, and includes engines installed on (1) self-propelled equipment, (2) on equipment that is propelled while performing its function, or (3) on equipment that is portable or transportable, as indicated by the presence of wheels, skids, carrying handles, dolly, trailer, or platform [40 CFR 1068.30]. In other words, nonroad engines are all internal combustion engines except motor vehicle (highway) engines, stationary engines (or engines that remain at one location for more than 12 months), engines used solely for competition, or engines used in aircraft.

Effective May 14, 2003, the definition of nonroad engines was changed to also include all diesel powered engines including stationary ones used in agricultural operations in California. This change applies only to engines sold in the state of California; stationary engines sold in other states are not classified as nonroad engines.

The nonroad diesel emission regulations are not applicable to all nonroad diesel engines. Exempted are the following nonroad engine categories:

- Engines used in railway locomotives; those are subject to separate EPA regulations.
- Engines used in marine vessels, also covered by separate EPA regulations. Marine engines below 37 kW (50 hp) are subject to Tier 1-2—but not Tier 4—nonroad standards. Certain marine engines that are exempted from marine standards may be subject to nonroad regulations.

- Engines used in underground mining equipment. Diesel emissions and air quality in mines are regulated by the Mine Safety and Health Administration (MSHA).
- Hobby engines (below 50 cm^3 per cylinder)

Examples of regulated applications include farm tractors, excavators, bulldozers, wheel loaders, backhoe loaders, road graders, diesel lawn tractors, logging equipment, portable generators, skid steer loaders, or forklifts.

A new definition of a compression ignition (diesel) engine was introduced in the 1998 rule, consistent with definitions established for highway engines. The definition focuses on the engine cycle, rather than the ignition mechanism, with the presence of a throttle as an indicator to distinguish between diesel cycle and otto cycle operation. Regulating power by controlling the fuel supply in lieu of a throttle corresponds with lean combustion and diesel cycle operation. This language allows the possibility that a natural gas fueled engine equipped with a spark plug is considered a compression-ignition engine.

Tier 1-3 Emission Standards

The 1998 nonroad engine regulations were structured as a 3-tiered progression. Each tier involved a phase-in (by horsepower rating) over several years. Tier 1 standards were phased-in from 1996 to 2000. The more stringent Tier 2 standards took effect from 2001 to 2006, and yet more stringent Tier 3 standards phased in from 2006 to 2008 (Tier 3 standards applied only for engines from 37-560 kW).

Tier 1-3 emissions standards are listed in Table 1. Nonroad regulations use the metric system of units, with regulatory limits expressed in grams of pollutant per kWh.

Table 1
EPA Tier 1-3 nonroad diesel engine emission standards, g/kWh (g/bhp·hr)

Engine Power	Tier	Year	CO	HC	NMHC+NOx	NOx	PM
kW < 8 (hp < 11)	Tier 1	2000	8.0 (6.0)	-	10.5 (7.8)	-	1.0 (0.75)
	Tier 2	2005	8.0 (6.0)	-	7.5 (5.6)	-	0.8 (0.6)

Engine Power	Tier	Year	CO	HC	NMHC+NOx	NOx	PM
8 ≤ kW < 19 (11 ≤ hp < 25)	Tier 1	2000	6.6 (4.9)	-	9.5 (7.1)	-	0.8 (0.6)
	Tier 2	2005	6.6 (4.9)	-	7.5 (5.6)	-	0.8 (0.6)
19≤ kW < 37 (25 ≤ hp < 50)	Tier 1	1999	5.5 (4.1)	-	9.5 (7.1)	-	0.8 (0.6)
	Tier 2	2004	5.5 (4.1)	-	7.5 (5.6)	-	0.6 (0.45)
37 ≤ kW < 75 (50 ≤ hp < 100)	Tier 1	1998	-	-	-	9.2 (6.9)	-
	Tier 2	2004	5.0 (3.7)	-	7.5 (5.6)	-	0.4 (0.3)
	Tier 3	2008	5.0 (3.7)	-	4.7 (3.5)	-	-†
75 ≤ kW < 130 (100 ≤ hp < 175)	Tier 1	1997	-	-	-	9.2 (6.9)	-
	Tier 2	2003	5.0 (3.7)	-	6.6 (4.9)	-	0.3 (0.22)
	Tier 3	2007	5.0 (3.7)	-	4.0 (3.0)	-	-†
130 ≤ kW < 225 (175 ≤ hp < 300)	Tier 1	1996	11.4 (8.5)	1.3 (1.0)	-	9.2 (6.9)	0.54 (0.4)
	Tier 2	2003	3.5 (2.6)	-	6.6 (4.9)	-	0.2 (0.15)
	Tier 3	2006	3.5 (2.6)	-	4.0 (3.0)	-	-†
225 ≤ kW < 450 (300 ≤ hp < 600)	Tier 1	1996	11.4 (8.5)	1.3 (1.0)	-	9.2 (6.9)	0.54 (0.4)
	Tier 2	2001	3.5 (2.6)	-	6.4 (4.8)	-	0.2 (0.15)
	Tier 3	2006	3.5 (2.6)	-	4.0 (3.0)	-	-†
450 ≤ kW < 560 (600 ≤ hp < 750)	Tier 1	1996	11.4 (8.5)	1.3 (1.0)	-	9.2 (6.9)	0.54 (0.4)
	Tier 2	2002	3.5 (2.6)	-	6.4 (4.8)	-	0.2 (0.15)
	Tier 3	2006	3.5 (2.6)	-	4.0 (3.0)	-	-†
kW ≥ 560 (hp ≥ 750)	Tier 1	2000	11.4 (8.5)	1.3 (1.0)	-	9.2 (6.9)	0.54 (0.4)
	Tier 2	2006	3.5 (2.6)	-	6.4 (4.8)	-	0.2 (0.15)
† Not adopted, engines must meet Tier 2 PM standard.							

Manufacturers who signed the 1998 Consent Decrees with the EPA may have been required to meet the Tier 3 standards one year ahead of schedule (i.e. beginning in 2005).

Voluntary, more stringent emission standards that manufacturers could use to earn a designation of "Blue Sky Series" engines (applicable to Tier 1-3 certifications) are listed in Table 2.

Table 2
EPA voluntary emission standards for nonroad diesel engines, g/kWh (g/bhp·hr)

Rated Power (kW)	NMHC+NOx	PM
kW < 8	4.6 (3.4)	0.48 (0.36)
8 ≤ kW <19	4.5 (3.4)	0.48 (0.36)
19 ≤ kW <37	4.5 (3.4)	0.36 (0.27)
37 ≤ kW < 75	4.7 (3.5)	0.24 (0.18)
75 ≤ kW <130	4.0 (3.0)	0.18 (0.13)
130 ≤ kW < 560	4.0 (3.0)	0.12 (0.09)
kW ≥ 560	3.8 (2.8)	0.12 (0.09)

Engines of all sizes had to meet smoke standards of 20/15/50% opacity at acceleration/lug/peak modes, respectively.

The regulations included several other provisions, such as averaging, banking and trading of emission credits and maximum "family emission limits" (FEL) for emission averaging.

Tier 4 Emission Standards

The Tier 4 emission standards phased in from 2008 through 2015 introduce substantial reductions of NOx (for engines above 56 kW) and PM (above 19 kW), as well as more stringent HC limits. CO emission limits remain unchanged from the Tier 2-3 stage.

Engines up to 560 kW. Tier 4 emission standards for engines up to 560 kW are listed in Table 3.

Table 3
Tier 4 emission standards—Engines up to 560 kW, g/kWh (g/bhp-hr)

Engine Power	Year	CO	NMHC	NMHC+NO_x	NO_x	PM
kW < 8 (hp < 11)	2008	8.0 (6.0)	-	7.5 (5.6)	-	0.4[a] (0.3)
8 ≤ kW < 19 (11 ≤ hp < 25)	2008	6.6 (4.9)	-	7.5 (5.6)	-	0.4 (0.3)
19 ≤ kW < 37 (25 ≤ hp < 50)	2008	5.5 (4.1)	-	7.5 (5.6)	-	0.3 (0.22)
	2013	5.5 (4.1)	-	4.7 (3.5)	-	0.03 (0.022)

37 ≤ kW < 56 (50 ≤ hp < 75)	2008	5.0 (3.7)	-	4.7 (3.5)	-	0.3[b] (0.22)
	2013	5.0 (3.7)	-	4.7 (3.5)	-	0.03 (0.022)
56 ≤ kW < 130 (75 ≤ hp < 175)	2012-2014[c]	5.0 (3.7)	0.19 (0.14)	-	0.40 (0.30)	0.02 (0.015)
130 ≤ kW ≤ 560 (175 ≤ hp ≤ 750)	2011-2014[d]	3.5 (2.6)	0.19 (0.14)	-	0.40 (0.30)	0.02 (0.015)

a hand startable, air cooled, DI engines may be certified to Tier 2 standards through 2009 and to an optional PM standard of 0.6 g/kWh starting in 2010
b 0.4 g/kWh (Tier 2) if manufacturer complies with the 0.03 g/kWh standard from 2012
c PM/CO: full compliance from 2012; NOx/HC: Option 1 (if banked Tier 2 credits used) 50% engines must comply in 2012 2013; Option 2 (if no Tier 2 credits claimed) 25% engines must comply in 2012 2014, with full compliance from 2014.12.31
d PM/CO: full compliance from 2011; NOx/HC: 50% engines must comply in 2011 2013

In engines of 56 560 kW rated power, the NOx and HC standards were phased in over a few year period, as indicated in the notes to Table 3. The initial standards (PM compliance) are sometimes referred to as the 'interim Tier 4' (or 'Tier 4i'), 'transitional Tier 4' or 'Tier 4 A', while the final standards (NOx/HC compliance) are sometimes referred to as 'Tier 4 B'.

As an alternative to introducing the required percentage of Tier 4 compliant engines, manufacturers may certify all their engines to an *alternative NOx limit* in each model year during the phase in period. These alternative NOx standards are:

- Engines 56 130 kW:
  - Option 1: NOx = 2.3 g/kWh = 1.7 g/bhp-hr (Tier 2 credits used to comply, MY 2012-2013)
  - Option 2: NOx = 3.4 g/kWh = 2.5 g/bhp-hr (no Tier 2 credits claimed, MY 2012-2014)
- Engines 130 560 kW: NOx 2.0 g/kWh 1.5 g/bhp hr (MY 2011 2013)

Engines Above 560 kW. Tier 4 emission standards for engines above 560 kW are listed in Table 4. The 2011 standards are sometimes referred to as 'transitional Tier 4', while the 2015 limits represent final Tier 4 standards.

Table 4

Tier 4 emission standards—Engines above 560 kW, g/kWh (g/bhp-hr)

Year	Category	CO	NMHC	NO_x	PM
2011	Generator sets > 900 kW	3.5 (2.6)	0.40 (0.30)	0.67 (0.50)	0.10 (0.075)
	All engines except gensets > 900 kW	3.5 (2.6)	0.40 (0.30)	3.5 (2.6)	0.10 (0.075)
2015	Generator sets	3.5 (2.6)	0.19 (0.14)	0.67 (0.50)	0.03 (0.022)
	All engines except gensets	3.5 (2.6)	0.19 (0.14)	3.5 (2.6)	0.04 (0.03)

Other Provisions. The Tier 4 regulation and later amendments include a number of additional provisions:

- *Smoke Opacity*—Existing Tier 2-3 smoke opacity standards and procedures continue to apply in some engines. Exempted from smoke emission standards are engines certified to PM emission standards at or below 0.07 g/kWh (because an engine of such low PM level has inherently low smoke emission).
- *Crankcase Ventilation* The Tier 4 regulation does not require closed crankcase ventilation in nonroad engines. However, in engines with open crankcases, crankcase emissions must be measured and added to exhaust emissions in assessing compliance.
- *DEF Refill Interval* For SCR equipped nonroad diesel engines, a minimum DEF (urea solution) refill interval is defined as at least as long (in engine hours) as the vehicle's fuel capacity [3408].
- *Ammonia Emissions*—While ammonia emissions are unregulated, the EPA recommends that ammonia slip should be below 10 ppm average over the applicable test cycles [3693].
- *Emergency Operation*—To facilitate the use of certain nonroad engines in temporary emergency situations, the engines can be equipped with an AECD to override performance inducements related to the emission control system for example, to allow engine operation without urea in the SCR system during an emergency [3408]. This flexibility is intended primarily for engines used in construction equipment and portable equipment used for temporary power generation and flood control.

- *ABT Program* Similarly to earlier standards, the Tier 4 regulation includes such provisions as averaging, banking and trading of emission credits and FEL limits for emission averaging.

Test Cycles and Fuels

Nonroad engine emissions are measured on a steady-state test cycle that is equivalent to the ISO 8178 C1, 8-mode steady-state test cycle. Other ISO 8178 test cycles are allowed for selected applications, such as constant speed engines (D2 5 mode cycle), variable speed engines rated under 19 kW (G2 cycle), and marine engines (E3 cycle).

Transient Testing. Tier 4 standards have to be met over both the steady-state test and the nonroad transient cycle, NRTC. The transient testing requirements started with MY 2013 for engines below 56 kW, MY 2012 for 56-130 kW, and MY 2011 for 130-560 kW engines. Engines above 560 kW are not tested on the transient test. Also constant speed, variable load engines of any power category are not subject to transient testing. The NRTC protocol includes a cold start test. The cold start emissions are weighted at 5% and hot start emissions are weighted at 95% in calculating the final result.

Tier 4 nonroad engines must also meet not-to-exceed standards (NTE), which are measured without reference to any specific test schedule. The NTE standards became effective in 2011 for engines above 130 kW; in 2012 for 56 130 kW; and in 2013 for engines below 56 kW. In most engines, the NTE limits are set at 1.25 times the regular standard for each pollutant. In engines certified to NOx standards below 2.5 g/kWh or PM standards below 0.07 g/kWh, the NTE multiplier is 1.5. The NTE standards apply to engines at the time of certification, as well as in use throughout the useful life of the engine. The purpose of the added testing requirements is to prevent the possibility of "defeating" the test cycle by electronic engine controls.

Certification Fuels. Fuels with sulfur levels no greater than 0.2 wt% (2,000 ppm) were used for certification testing of Tier 1-3 engines. From 2011, all Tier 4 engines are tested using fuels of 7 15 ppm sulfur content. The transition from the 2000 ppm S specification to the 7 15 ppm specification took place in the 2006 2010 period (see Certification Diesel Fuel).

A change from measuring total hydrocarbons to nonmethane hydrocarbons (NMHC) has been introduced in the 1998 rule. Since there is no standardized EPA method for measuring methane in diesel engine exhaust, manufacturers can either use their own procedures to analyze nonmethane hydrocarbons or measure total hydrocarbons and subtract 2% from the measured hydrocarbon mass to correct for methane.

Environmental Benefit and Cost

1998 Regulation

At the time of signing the 1998 rule, the EPA estimated that by 2010 NO_x emissions would be reduced by about a million tons per year, the equivalent of taking 35 million passenger cars off the road.

The costs of meeting the emission standards were expected to add under 1% to the purchase price of typical new nonroad diesel equipment, although for some equipment the standards may cause price increases on the order of 2-3%. The program was expected to cost about $600 per ton of NO_x reduced.

Tier 4 Regulation

When the full inventory of older nonroad engines are replaced by Tier 4 engines, annual emission reductions are estimated at 738,000 tons of NOx and 129,000 tons of PM. By 2030, 12,000 premature deaths would be prevented annually due to the implementation of the proposed standards.

The estimated costs for added emission controls for the vast majority of equipment was estimated at 1-3% as a fraction of total equipment price. For example, for a 175 hp bulldozer that costs approximately $230,000 it would cost up to $6,900 to add the advanced emission controls and to design the bulldozer to accommodate the modified engine.

EPA estimated that the average cost increase for 15 ppm S fuel would be 7 cents per gallon. This figure would be reduced to 4 cents by anticipated savings in maintenance costs due to low sulfur diesel.

Table 18
Speciation Values
Vantage CA3 Project
Santa Clara, California

Source	Emission Type	Fraction	Chemical[1]
Diesel Offroad Equipment (Generators)	Exhaust PM	1.0	Diesel PM
	Exhaust TOG	0.0019	1,3-Butadiene
		0.074	Acetaldehyde
		0.020	Benzene
		0.0031	Ethylbenzene
		0.15	Formaldehyde
		0.0016	n-Hexane
		3.0E-04	Methanol
		0.015	Methyl Ethyl Ketone
		9.0E-04	Naphthalene
		0.026	Propylene
		6.0E-04	Styrene
		0.015	Toluene
		0.0061	m-Xylene
		0.0034	o-Xylene
		0.0010	p-Xylene

Notes:

1. Compounds presented in this table are only those air toxic contaminants with toxicity values from Cal/EPA (2015) evaluated in the health risk assessment. Speciation profiles presented in this table are from the following sources:

   Diesel offroad exhaust, TOG: ARB 818 / EPA 3161

Abbreviations:

ARB - Air Resources Board

BAAQMD - Bay Area Air Quality Management District

Cal/EPA - California Environmental Protection Agency

PM - particulate matter

TOG - total organic gas

USEPA - United States Environmental Protection Agency

References:

ARB. Speciation Profiles Used in ARB Modeling. Available online at: http://www.arb.ca.gov/ei/speciate/speciate.htm#specprof

BAAQMD. 2011. Recommended Methods for Screening and Modeling Local Risks and Hazards. May.

Cal/EPA. 2015. OEHHA/ARB Consolidated Table of Approved Risk Assessment Health Values. May 13.

USEPA. SPECIATE 4.3. Available online at: http://cfpub.epa.gov/si/speciate/

From: [redacted]
Sent: Thursday, February 15, 2024 1:24 PM
To: [redacted]
Cc: [redacted]
Subject: [EXT] RE: Darden Clean Energy Project (23-OPT-02) SJVAPCD Requirements Discussion Meeting Minutes

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Evelyn,

Here are the default stack parameters the District utilizes when the characteristics are unknown for Diesel IC Engines. In most cases using a capped exhaust stack would result in the most conservative results.

Source ID	Rating	Rating Units	Release Height (m)	Stack Inside Diameter (m)	Gas Exit Temp. (K)	Gas Exit Velocity (m/s)
Diesel Reciprocating Internal Combustion Engines						
50_DE	0 - 50	BHP	2.97	0.07	799.80	52.65
100_DE	50 - 100	BHP	2.92	0.09	756.18	62.93
150_DE	100 - 150	BHP	2.69	0.10	759.49	58.78
175_DE	150 - 175	BHP	2.50	0.10	768.31	63.22
200_DE	175 - 200	BHP	3.04	0.12	765.80	54.28
275_DE	200 - 275	BHP	2.43	0.12	795.31	50.25
300_DE	275 - 300	BHP	3.55	0.13	728.55	54.78
400_DE	300 - 400	BHP	2.42	0.13	754.96	81.71
500_DE	400 - 500	BHP	2.85	0.18	761.90	71.23
550_DE	500 - 550	BHP	3.12	0.15	768.27	91.27
600_DE	550 - 600	BHP	3.71	0.16	793.56	92.45
750_DE	600 - 750	BHP	3.84	0.17	798.16	160.56
825_DE	750 - 825	BHP	6.07	0.19	784.00	87.68
1150_DE	825 - 1150	BHP	3.85	0.24	779.86	71.16
1500_DE	1150 - 1500	BHP	7.26	0.31	758.00	40.51
1850_DE	1500 - 1850	BHP	3.73	0.21	741.24	133.59
2500_DE	1850 - 2500	BHP	6.33	0.45	727.14	40.24

If you have any additional questions, please do not hesitate to reach out.

Thank you,

Kyle Melching
Senior Air Quality Specialist
San Joaquin Valley Air Pollution Control District
[redacted]

Appendix F

HRA and AAQS Modeling Supplementary Files

*HARP - HRACalc v21081 3/18/2024 7:11:41 PM - Cancer Risk - Input File: C:\HARP2\Projects\DARDEN CLEAN ENERGY PROJECT\hra\Darden_Permit_Resi_HRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1	ALL		732073	4033492	9.10E-08	70YrCancerDerived_InhSoilI	9.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		732173	4033492	8.88E-08	70YrCancerDerived_InhSoilI	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		732273	4033492	8.33E-08	70YrCancerDerived_InhSoilI	8.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		732373	4033492	8.26E-08	70YrCancerDerived_InhSoilI	8.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		732473	4033492	8.32E-08	70YrCancerDerived_InhSoilI	8.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		732573	4033492	8.44E-08	70YrCancerDerived_InhSoilI	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		732673	4033492	8.54E-08	70YrCancerDerived_InhSoilI	8.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		732773	4033492	8.92E-08	70YrCancerDerived_InhSoilI	8.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		732873	4033492	9.47E-08	70YrCancerDerived_InhSoilI	9.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		732973	4033492	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		733073	4033492	1.31E-07	70YrCancerDerived_InhSoilI	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		733173	4033492	1.68E-07	70YrCancerDerived_InhSoilI	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		733273	4033492	2.54E-07	70YrCancerDerived_InhSoilI	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		733373	4033492	4.68E-07	70YrCancerDerived_InhSoilI	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		733473	4033492	7.87E-07	70YrCancerDerived_InhSoilI	7.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		733573	4033492	1.09E-06	70YrCancerDerived_InhSoilI	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		733673	4033492	1.32E-06	70YrCancerDerived_InhSoilI	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		733773	4033492	1.47E-06	70YrCancerDerived_InhSoilI	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		733873	4033492	1.51E-06	70YrCancerDerived_InhSoilI	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		733973	4033492	1.47E-06	70YrCancerDerived_InhSoilI	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		734073	4033492	1.35E-06	70YrCancerDerived_InhSoilI	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		732073	4033592	9.19E-08	70YrCancerDerived_InhSoilI	9.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		732173	4033592	8.88E-08	70YrCancerDerived_InhSoilI	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		732273	4033592	8.74E-08	70YrCancerDerived_InhSoilI	8.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		732373	4033592	8.71E-08	70YrCancerDerived_InhSoilI	8.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		732473	4033592	8.68E-08	70YrCancerDerived_InhSoilI	8.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		732573	4033592	8.74E-08	70YrCancerDerived_InhSoilI	8.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		732673	4033592	9.14E-08	70YrCancerDerived_InhSoilI	9.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		732773	4033592	9.69E-08	70YrCancerDerived_InhSoilI	9.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		732873	4033592	1.04E-07	70YrCancerDerived_InhSoilI	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		732973	4033592	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		733073	4033592	1.41E-07	70YrCancerDerived_InhSoilI	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		733173	4033592	1.89E-07	70YrCancerDerived_InhSoilI	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		733273	4033592	3.06E-07	70YrCancerDerived_InhSoilI	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		733373	4033592	6.38E-07	70YrCancerDerived_InhSoilI	6.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		733473	4033592	1.15E-06	70YrCancerDerived_InhSoilI	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		733573	4033592	1.58E-06	70YrCancerDerived_InhSoilI	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		733673	4033592	1.87E-06	70YrCancerDerived_InhSoilI	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		733773	4033592	1.96E-06	70YrCancerDerived_InhSoilI	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		733873	4033592	1.88E-06	70YrCancerDerived_InhSoilI	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		733973	4033592	1.68E-06	70YrCancerDerived_InhSoilI	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		734073	4033592	1.45E-06	70YrCancerDerived_InhSoilI	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		732073	4033692	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		732173	4033692	9.83E-08	70YrCancerDerived_InhSoilI	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		732273	4033692	9.62E-08	70YrCancerDerived_InhSoilI	9.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		732373	4033692	9.37E-08	70YrCancerDerived_InhSoilI	9.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		732473	4033692	9.19E-08	70YrCancerDerived_InhSoilI	9.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		732573	4033692	9.17E-08	70YrCancerDerived_InhSoilI	9.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		732673	4033692	9.45E-08	70YrCancerDerived_InhSoilI	9.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		732773	4033692	1.02E-07	70YrCancerDerived_InhSoilI	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		732873	4033692	1.14E-07	70YrCancerDerived_InhSoilI	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		732973	4033692	1.30E-07	70YrCancerDerived_InhSoilI	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		733073	4033692	1.58E-07	70YrCancerDerived_InhSoilI	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		733173	4033692	2.18E-07	70YrCancerDerived_InhSoilI	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

55	ALL	733273	4033692	3.83E-07	70YrCancerDerived_InhSoilI	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL	733373	4033692	9.54E-07	70YrCancerDerived_InhSoilI	9.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL	733473	4033692	1.82E-06	70YrCancerDerived_InhSoilI	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	733573	4033692	2.45E-06	70YrCancerDerived_InhSoilI	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	733673	4033692	2.69E-06	70YrCancerDerived_InhSoilI	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	733773	4033692	2.53E-06	70YrCancerDerived_InhSoilI	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	733873	4033692	2.17E-06	70YrCancerDerived_InhSoilI	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	733973	4033692	1.77E-06	70YrCancerDerived_InhSoilI	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	734073	4033692	1.43E-06	70YrCancerDerived_InhSoilI	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	732073	4033792	1.11E-07	70YrCancerDerived_InhSoilI	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	732373	4033792	9.92E-08	70YrCancerDerived_InhSoilI	9.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	732473	4033792	9.78E-08	70YrCancerDerived_InhSoilI	9.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	732573	4033792	9.83E-08	70YrCancerDerived_InhSoilI	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	732673	4033792	1.01E-07	70YrCancerDerived_InhSoilI	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	732773	4033792	1.08E-07	70YrCancerDerived_InhSoilI	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	732873	4033792	1.24E-07	70YrCancerDerived_InhSoilI	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	732973	4033792	1.49E-07	70YrCancerDerived_InhSoilI	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	733073	4033792	1.86E-07	70YrCancerDerived_InhSoilI	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	733173	4033792	2.61E-07	70YrCancerDerived_InhSoilI	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	733273	4033792	4.97E-07	70YrCancerDerived_InhSoilI	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	733373	4033792	1.60E-06	70YrCancerDerived_InhSoilI	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	733473	4033792	3.25E-06	70YrCancerDerived_InhSoilI	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	733573	4033792	3.98E-06	70YrCancerDerived_InhSoilI	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	733673	4033792	3.67E-06	70YrCancerDerived_InhSoilI	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	733773	4033792	2.91E-06	70YrCancerDerived_InhSoilI	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	733873	4033792	2.20E-06	70YrCancerDerived_InhSoilI	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	733973	4033792	1.67E-06	70YrCancerDerived_InhSoilI	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	734073	4033792	1.30E-06	70YrCancerDerived_InhSoilI	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	732073	4033892	1.17E-07	70YrCancerDerived_InhSoilI	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	733773	4033892	2.72E-06	70YrCancerDerived_InhSoilI	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	733873	4033892	1.90E-06	70YrCancerDerived_InhSoilI	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	733973	4033892	1.39E-06	70YrCancerDerived_InhSoilI	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	734073	4033892	1.07E-06	70YrCancerDerived_InhSoilI	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	732073	4033992	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	733773	4033992	1.97E-06	70YrCancerDerived_InhSoilI	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	733873	4033992	1.37E-06	70YrCancerDerived_InhSoilI	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	733973	4033992	1.02E-06	70YrCancerDerived_InhSoilI	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	734073	4033992	8.02E-07	70YrCancerDerived_InhSoilI	8.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	732073	4034092	1.18E-07	70YrCancerDerived_InhSoilI	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	733773	4034092	1.05E-06	70YrCancerDerived_InhSoilI	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	733873	4034092	8.03E-07	70YrCancerDerived_InhSoilI	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	733973	4034092	6.45E-07	70YrCancerDerived_InhSoilI	6.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	734073	4034092	5.36E-07	70YrCancerDerived_InhSoilI	5.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	732073	4034192	1.17E-07	70YrCancerDerived_InhSoilI	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	733773	4034192	4.41E-07	70YrCancerDerived_InhSoilI	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	733873	4034192	4.00E-07	70YrCancerDerived_InhSoilI	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	733973	4034192	3.63E-07	70YrCancerDerived_InhSoilI	3.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	734073	4034192	3.29E-07	70YrCancerDerived_InhSoilI	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	732073	4034292	1.15E-07	70YrCancerDerived_InhSoilI	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	733773	4034292	2.13E-07	70YrCancerDerived_InhSoilI	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	733873	4034292	2.11E-07	70YrCancerDerived_InhSoilI	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	733973	4034292	2.08E-07	70YrCancerDerived_InhSoilI	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	734073	4034292	2.04E-07	70YrCancerDerived_InhSoilI	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	734173	4034292	1.97E-07	70YrCancerDerived_InhSoilI	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	732073	4034392	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	733773	4034392	1.43E-07	70YrCancerDerived_InhSoilI	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

111	ALL	733873	4034392	1.39E-07	70YrCancerDerived_InhSoilI	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	733973	4034392	1.39E-07	70YrCancerDerived_InhSoilI	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	734073	4034392	1.39E-07	70YrCancerDerived_InhSoilI	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	734173	4034392	1.38E-07	70YrCancerDerived_InhSoilI	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	734273	4034392	1.38E-07	70YrCancerDerived_InhSoilI	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	732073	4034492	1.24E-07	70YrCancerDerived_InhSoilI	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	734173	4034492	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	734273	4034492	1.07E-07	70YrCancerDerived_InhSoilI	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	734373	4034492	1.07E-07	70YrCancerDerived_InhSoilI	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	734473	4034492	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	734573	4034492	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	734673	4034492	1.05E-07	70YrCancerDerived_InhSoilI	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	734773	4034492	1.03E-07	70YrCancerDerived_InhSoilI	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	734873	4034492	1.02E-07	70YrCancerDerived_InhSoilI	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	732073	4034592	1.36E-07	70YrCancerDerived_InhSoilI	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	733773	4034592	9.41E-08	70YrCancerDerived_InhSoilI	9.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	733873	4034592	9.02E-08	70YrCancerDerived_InhSoilI	9.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	733973	4034592	8.85E-08	70YrCancerDerived_InhSoilI	8.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	734273	4034592	8.83E-08	70YrCancerDerived_InhSoilI	8.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	734373	4034592	8.86E-08	70YrCancerDerived_InhSoilI	8.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	734473	4034592	8.88E-08	70YrCancerDerived_InhSoilI	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	734573	4034592	8.88E-08	70YrCancerDerived_InhSoilI	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	734673	4034592	8.86E-08	70YrCancerDerived_InhSoilI	8.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	734773	4034592	8.80E-08	70YrCancerDerived_InhSoilI	8.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	734873	4034592	8.73E-08	70YrCancerDerived_InhSoilI	8.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	734973	4034592	8.63E-08	70YrCancerDerived_InhSoilI	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	732073	4034692	1.52E-07	70YrCancerDerived_InhSoilI	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	732173	4034692	1.68E-07	70YrCancerDerived_InhSoilI	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	732273	4034692	1.93E-07	70YrCancerDerived_InhSoilI	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	732373	4034692	2.24E-07	70YrCancerDerived_InhSoilI	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	732473	4034692	2.62E-07	70YrCancerDerived_InhSoilI	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	732573	4034692	2.99E-07	70YrCancerDerived_InhSoilI	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	732673	4034692	3.23E-07	70YrCancerDerived_InhSoilI	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	732773	4034692	3.17E-07	70YrCancerDerived_InhSoilI	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	732873	4034692	2.69E-07	70YrCancerDerived_InhSoilI	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	732973	4034692	2.16E-07	70YrCancerDerived_InhSoilI	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	733073	4034692	1.69E-07	70YrCancerDerived_InhSoilI	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	733173	4034692	1.38E-07	70YrCancerDerived_InhSoilI	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	733273	4034692	1.20E-07	70YrCancerDerived_InhSoilI	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	733373	4034692	1.10E-07	70YrCancerDerived_InhSoilI	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	733473	4034692	1.03E-07	70YrCancerDerived_InhSoilI	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	733573	4034692	9.41E-08	70YrCancerDerived_InhSoilI	9.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	733673	4034692	8.61E-08	70YrCancerDerived_InhSoilI	8.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	733773	4034692	8.08E-08	70YrCancerDerived_InhSoilI	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	733873	4034692	7.80E-08	70YrCancerDerived_InhSoilI	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	733973	4034692	7.65E-08	70YrCancerDerived_InhSoilI	7.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	734073	4034692	7.61E-08	70YrCancerDerived_InhSoilI	7.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	734273	4034692	7.66E-08	70YrCancerDerived_InhSoilI	7.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	734373	4034692	7.69E-08	70YrCancerDerived_InhSoilI	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	734473	4034692	7.72E-08	70YrCancerDerived_InhSoilI	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	734573	4034692	7.73E-08	70YrCancerDerived_InhSoilI	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	734673	4034692	7.73E-08	70YrCancerDerived_InhSoilI	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	734773	4034692	7.72E-08	70YrCancerDerived_InhSoilI	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	734873	4034692	7.68E-08	70YrCancerDerived_InhSoilI	7.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	734973	4034692	7.63E-08	70YrCancerDerived_InhSoilI	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	732073	4034792	1.61E-07	70YrCancerDerived_InhSoilI	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

167	ALL	732173	4034792	1.79E-07	70YrCancerDerived_InhSoilI	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	732273	4034792	2.03E-07	70YrCancerDerived_InhSoilI	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	732373	4034792	2.30E-07	70YrCancerDerived_InhSoilI	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	732473	4034792	2.55E-07	70YrCancerDerived_InhSoilI	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	732573	4034792	2.71E-07	70YrCancerDerived_InhSoilI	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	732673	4034792	2.65E-07	70YrCancerDerived_InhSoilI	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	732773	4034792	2.36E-07	70YrCancerDerived_InhSoilI	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	732873	4034792	1.96E-07	70YrCancerDerived_InhSoilI	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	732973	4034792	1.59E-07	70YrCancerDerived_InhSoilI	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	733073	4034792	1.32E-07	70YrCancerDerived_InhSoilI	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	733173	4034792	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	733273	4034792	1.01E-07	70YrCancerDerived_InhSoilI	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	733373	4034792	9.33E-08	70YrCancerDerived_InhSoilI	9.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	733473	4034792	8.77E-08	70YrCancerDerived_InhSoilI	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	733573	4034792	8.20E-08	70YrCancerDerived_InhSoilI	8.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	733673	4034792	7.59E-08	70YrCancerDerived_InhSoilI	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	733773	4034792	7.14E-08	70YrCancerDerived_InhSoilI	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	733873	4034792	6.90E-08	70YrCancerDerived_InhSoilI	6.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	733973	4034792	6.77E-08	70YrCancerDerived_InhSoilI	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	734073	4034792	6.73E-08	70YrCancerDerived_InhSoilI	6.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	734173	4034792	6.75E-08	70YrCancerDerived_InhSoilI	6.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	734773	4034792	6.93E-08	70YrCancerDerived_InhSoilI	6.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	734873	4034792	6.91E-08	70YrCancerDerived_InhSoilI	6.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	734973	4034792	6.88E-08	70YrCancerDerived_InhSoilI	6.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	735073	4034792	6.85E-08	70YrCancerDerived_InhSoilI	6.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	732073	4034892	1.66E-07	70YrCancerDerived_InhSoilI	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	732173	4034892	1.83E-07	70YrCancerDerived_InhSoilI	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	732273	4034892	2.01E-07	70YrCancerDerived_InhSoilI	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	732373	4034892	2.17E-07	70YrCancerDerived_InhSoilI	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	732473	4034892	2.27E-07	70YrCancerDerived_InhSoilI	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	732573	4034892	2.27E-07	70YrCancerDerived_InhSoilI	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	732673	4034892	2.08E-07	70YrCancerDerived_InhSoilI	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	732773	4034892	1.78E-07	70YrCancerDerived_InhSoilI	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	732873	4034892	1.50E-07	70YrCancerDerived_InhSoilI	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	732973	4034892	1.26E-07	70YrCancerDerived_InhSoilI	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	733073	4034892	1.09E-07	70YrCancerDerived_InhSoilI	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	733173	4034892	9.59E-08	70YrCancerDerived_InhSoilI	9.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	733273	4034892	8.70E-08	70YrCancerDerived_InhSoilI	8.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	733373	4034892	8.14E-08	70YrCancerDerived_InhSoilI	8.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	733473	4034892	7.70E-08	70YrCancerDerived_InhSoilI	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	733573	4034892	7.30E-08	70YrCancerDerived_InhSoilI	7.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	733673	4034892	6.85E-08	70YrCancerDerived_InhSoilI	6.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	733773	4034892	6.46E-08	70YrCancerDerived_InhSoilI	6.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	733873	4034892	6.22E-08	70YrCancerDerived_InhSoilI	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	733973	4034892	6.10E-08	70YrCancerDerived_InhSoilI	6.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	734073	4034892	6.07E-08	70YrCancerDerived_InhSoilI	6.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	734173	4034892	6.08E-08	70YrCancerDerived_InhSoilI	6.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	734273	4034892	6.14E-08	70YrCancerDerived_InhSoilI	6.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	734373	4034892	6.22E-08	70YrCancerDerived_InhSoilI	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	734473	4034892	6.28E-08	70YrCancerDerived_InhSoilI	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	734573	4034892	6.33E-08	70YrCancerDerived_InhSoilI	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	734673	4034892	6.34E-08	70YrCancerDerived_InhSoilI	6.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	734873	4034892	6.33E-08	70YrCancerDerived_InhSoilI	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	734973	4034892	6.31E-08	70YrCancerDerived_InhSoilI	6.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	735073	4034892	6.30E-08	70YrCancerDerived_InhSoilI	6.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	735173	4034892	6.28E-08	70YrCancerDerived_InhSoilI	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

223	ALL	732073	4034992	1.66E-07	70YrCancerDerived_InhSoilI	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	732173	4034992	1.79E-07	70YrCancerDerived_InhSoilI	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	732273	4034992	1.90E-07	70YrCancerDerived_InhSoilI	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	732373	4034992	1.94E-07	70YrCancerDerived_InhSoilI	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	732473	4034992	1.92E-07	70YrCancerDerived_InhSoilI	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	732573	4034992	1.85E-07	70YrCancerDerived_InhSoilI	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	732673	4034992	1.66E-07	70YrCancerDerived_InhSoilI	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	732773	4034992	1.41E-07	70YrCancerDerived_InhSoilI	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	732873	4034992	1.20E-07	70YrCancerDerived_InhSoilI	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	732973	4034992	1.05E-07	70YrCancerDerived_InhSoilI	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	733073	4034992	9.34E-08	70YrCancerDerived_InhSoilI	9.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	733173	4034992	8.40E-08	70YrCancerDerived_InhSoilI	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	733273	4034992	7.76E-08	70YrCancerDerived_InhSoilI	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	733373	4034992	7.28E-08	70YrCancerDerived_InhSoilI	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	733473	4034992	6.92E-08	70YrCancerDerived_InhSoilI	6.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	733573	4034992	6.62E-08	70YrCancerDerived_InhSoilI	6.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	733673	4034992	6.29E-08	70YrCancerDerived_InhSoilI	6.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	733773	4034992	5.96E-08	70YrCancerDerived_InhSoilI	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	733873	4034992	5.71E-08	70YrCancerDerived_InhSoilI	5.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	733973	4034992	5.60E-08	70YrCancerDerived_InhSoilI	5.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	734073	4034992	5.56E-08	70YrCancerDerived_InhSoilI	5.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	734173	4034992	5.57E-08	70YrCancerDerived_InhSoilI	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	734273	4034992	5.60E-08	70YrCancerDerived_InhSoilI	5.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	734373	4034992	5.67E-08	70YrCancerDerived_InhSoilI	5.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	734473	4034992	5.76E-08	70YrCancerDerived_InhSoilI	5.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	734573	4034992	5.83E-08	70YrCancerDerived_InhSoilI	5.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	734673	4034992	5.87E-08	70YrCancerDerived_InhSoilI	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	734773	4034992	5.89E-08	70YrCancerDerived_InhSoilI	5.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	734973	4034992	5.89E-08	70YrCancerDerived_InhSoilI	5.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	735073	4034992	5.88E-08	70YrCancerDerived_InhSoilI	5.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	735173	4034992	5.86E-08	70YrCancerDerived_InhSoilI	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	735273	4034992	5.84E-08	70YrCancerDerived_InhSoilI	5.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	734073	4035092	5.16E-08	70YrCancerDerived_InhSoilI	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	734173	4035092	5.16E-08	70YrCancerDerived_InhSoilI	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	734273	4035092	5.19E-08	70YrCancerDerived_InhSoilI	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	734373	4035092	5.24E-08	70YrCancerDerived_InhSoilI	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	734473	4035092	5.32E-08	70YrCancerDerived_InhSoilI	5.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	734573	4035092	5.39E-08	70YrCancerDerived_InhSoilI	5.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	734673	4035092	5.45E-08	70YrCancerDerived_InhSoilI	5.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	734773	4035092	5.50E-08	70YrCancerDerived_InhSoilI	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	734873	4035092	5.53E-08	70YrCancerDerived_InhSoilI	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	735073	4035092	5.54E-08	70YrCancerDerived_InhSoilI	5.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	735173	4035092	5.53E-08	70YrCancerDerived_InhSoilI	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	735273	4035092	5.51E-08	70YrCancerDerived_InhSoilI	5.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	735373	4035092	5.49E-08	70YrCancerDerived_InhSoilI	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	734073	4035192	4.84E-08	70YrCancerDerived_InhSoilI	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	734173	4035192	4.84E-08	70YrCancerDerived_InhSoilI	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	734273	4035192	4.87E-08	70YrCancerDerived_InhSoilI	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	734373	4035192	4.91E-08	70YrCancerDerived_InhSoilI	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	734473	4035192	4.96E-08	70YrCancerDerived_InhSoilI	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	734573	4035192	5.02E-08	70YrCancerDerived_InhSoilI	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	734673	4035192	5.08E-08	70YrCancerDerived_InhSoilI	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	734773	4035192	5.16E-08	70YrCancerDerived_InhSoilI	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	734873	4035192	5.21E-08	70YrCancerDerived_InhSoilI	5.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	734973	4035192	5.24E-08	70YrCancerDerived_InhSoilI	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	735173	4035192	5.26E-08	70YrCancerDerived_InhSoilI	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

279	ALL	735273	4035192	5.24E-08	70YrCancerDerived_InhSoilI	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	735373	4035192	5.23E-08	70YrCancerDerived_InhSoilI	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	735473	4035192	5.22E-08	70YrCancerDerived_InhSoilI	5.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	735573	4035192	5.21E-08	70YrCancerDerived_InhSoilI	5.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	735673	4035192	5.20E-08	70YrCancerDerived_InhSoilI	5.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	735773	4035192	5.19E-08	70YrCancerDerived_InhSoilI	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	735873	4035192	5.18E-08	70YrCancerDerived_InhSoilI	5.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	735973	4035192	5.17E-08	70YrCancerDerived_InhSoilI	5.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	736073	4035192	5.16E-08	70YrCancerDerived_InhSoilI	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	736173	4035192	5.15E-08	70YrCancerDerived_InhSoilI	5.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	736273	4035192	5.14E-08	70YrCancerDerived_InhSoilI	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	736373	4035192	5.12E-08	70YrCancerDerived_InhSoilI	5.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	736473	4035192	5.12E-08	70YrCancerDerived_InhSoilI	5.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	736573	4035192	5.10E-08	70YrCancerDerived_InhSoilI	5.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	736673	4035192	5.09E-08	70YrCancerDerived_InhSoilI	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	736773	4035192	5.08E-08	70YrCancerDerived_InhSoilI	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	736873	4035192	5.07E-08	70YrCancerDerived_InhSoilI	5.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	736973	4035192	5.06E-08	70YrCancerDerived_InhSoilI	5.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	737073	4035192	5.05E-08	70YrCancerDerived_InhSoilI	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	737173	4035192	5.04E-08	70YrCancerDerived_InhSoilI	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	737273	4035192	5.03E-08	70YrCancerDerived_InhSoilI	5.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	737373	4035192	5.02E-08	70YrCancerDerived_InhSoilI	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	737473	4035192	5.01E-08	70YrCancerDerived_InhSoilI	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	737573	4035192	5.00E-08	70YrCancerDerived_InhSoilI	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	737673	4035192	4.99E-08	70YrCancerDerived_InhSoilI	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	737773	4035192	4.97E-08	70YrCancerDerived_InhSoilI	4.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	737873	4035192	4.96E-08	70YrCancerDerived_InhSoilI	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	737973	4035192	4.95E-08	70YrCancerDerived_InhSoilI	4.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	734673	4035292	4.76E-08	70YrCancerDerived_InhSoilI	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	734773	4035292	4.84E-08	70YrCancerDerived_InhSoilI	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	734873	4035292	4.91E-08	70YrCancerDerived_InhSoilI	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	734973	4035292	4.96E-08	70YrCancerDerived_InhSoilI	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	735073	4035292	5.00E-08	70YrCancerDerived_InhSoilI	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	735273	4035292	5.03E-08	70YrCancerDerived_InhSoilI	5.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	735373	4035292	5.02E-08	70YrCancerDerived_InhSoilI	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	735473	4035292	5.01E-08	70YrCancerDerived_InhSoilI	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	735573	4035292	5.00E-08	70YrCancerDerived_InhSoilI	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	735673	4035292	4.99E-08	70YrCancerDerived_InhSoilI	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	735773	4035292	4.99E-08	70YrCancerDerived_InhSoilI	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	735873	4035292	4.98E-08	70YrCancerDerived_InhSoilI	4.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	735973	4035292	4.98E-08	70YrCancerDerived_InhSoilI	4.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	736073	4035292	4.98E-08	70YrCancerDerived_InhSoilI	4.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	736173	4035292	4.97E-08	70YrCancerDerived_InhSoilI	4.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	736273	4035292	4.96E-08	70YrCancerDerived_InhSoilI	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	736373	4035292	4.96E-08	70YrCancerDerived_InhSoilI	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	736473	4035292	4.95E-08	70YrCancerDerived_InhSoilI	4.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	736573	4035292	4.95E-08	70YrCancerDerived_InhSoilI	4.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	736673	4035292	4.94E-08	70YrCancerDerived_InhSoilI	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	736773	4035292	4.94E-08	70YrCancerDerived_InhSoilI	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	736873	4035292	4.93E-08	70YrCancerDerived_InhSoilI	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	736973	4035292	4.92E-08	70YrCancerDerived_InhSoilI	4.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	737073	4035292	4.92E-08	70YrCancerDerived_InhSoilI	4.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	737173	4035292	4.91E-08	70YrCancerDerived_InhSoilI	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	737273	4035292	4.91E-08	70YrCancerDerived_InhSoilI	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	737373	4035292	4.90E-08	70YrCancerDerived_InhSoilI	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	737473	4035292	4.90E-08	70YrCancerDerived_InhSoilI	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

335	ALL	737573	4035292	4.89E-08	70YrCancerDerived_InhSoilI	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	737673	4035292	4.88E-08	70YrCancerDerived_InhSoilI	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	737773	4035292	4.88E-08	70YrCancerDerived_InhSoilI	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	737873	4035292	4.87E-08	70YrCancerDerived_InhSoilI	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	737973	4035292	4.86E-08	70YrCancerDerived_InhSoilI	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	734873	4035392	4.64E-08	70YrCancerDerived_InhSoilI	4.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	734973	4035392	4.70E-08	70YrCancerDerived_InhSoilI	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	735073	4035392	4.76E-08	70YrCancerDerived_InhSoilI	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	735173	4035392	4.80E-08	70YrCancerDerived_InhSoilI	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	735373	4035392	4.83E-08	70YrCancerDerived_InhSoilI	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	735473	4035392	4.84E-08	70YrCancerDerived_InhSoilI	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	735573	4035392	4.83E-08	70YrCancerDerived_InhSoilI	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	735673	4035392	4.83E-08	70YrCancerDerived_InhSoilI	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	735773	4035392	4.82E-08	70YrCancerDerived_InhSoilI	4.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	735873	4035392	4.82E-08	70YrCancerDerived_InhSoilI	4.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	735973	4035392	4.81E-08	70YrCancerDerived_InhSoilI	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	736073	4035392	4.81E-08	70YrCancerDerived_InhSoilI	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	736173	4035392	4.81E-08	70YrCancerDerived_InhSoilI	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	736273	4035392	4.81E-08	70YrCancerDerived_InhSoilI	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	736373	4035392	4.81E-08	70YrCancerDerived_InhSoilI	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	736473	4035392	4.81E-08	70YrCancerDerived_InhSoilI	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	736573	4035392	4.81E-08	70YrCancerDerived_InhSoilI	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	736673	4035392	4.81E-08	70YrCancerDerived_InhSoilI	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	736773	4035392	4.81E-08	70YrCancerDerived_InhSoilI	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	736873	4035392	4.81E-08	70YrCancerDerived_InhSoilI	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	736973	4035392	4.81E-08	70YrCancerDerived_InhSoilI	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	737073	4035392	4.81E-08	70YrCancerDerived_InhSoilI	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	737173	4035392	4.81E-08	70YrCancerDerived_InhSoilI	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	737273	4035392	4.80E-08	70YrCancerDerived_InhSoilI	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	737373	4035392	4.80E-08	70YrCancerDerived_InhSoilI	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	737473	4035392	4.80E-08	70YrCancerDerived_InhSoilI	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	737573	4035392	4.79E-08	70YrCancerDerived_InhSoilI	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	737673	4035392	4.79E-08	70YrCancerDerived_InhSoilI	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	737773	4035392	4.79E-08	70YrCancerDerived_InhSoilI	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	737873	4035392	4.79E-08	70YrCancerDerived_InhSoilI	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	737973	4035392	4.78E-08	70YrCancerDerived_InhSoilI	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	734973	4035492	4.46E-08	70YrCancerDerived_InhSoilI	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	735073	4035492	4.52E-08	70YrCancerDerived_InhSoilI	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	735173	4035492	4.58E-08	70YrCancerDerived_InhSoilI	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	735273	4035492	4.63E-08	70YrCancerDerived_InhSoilI	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	737873	4035492	4.72E-08	70YrCancerDerived_InhSoilI	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	737973	4035492	4.72E-08	70YrCancerDerived_InhSoilI	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	735073	4035592	4.31E-08	70YrCancerDerived_InhSoilI	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	735173	4035592	4.37E-08	70YrCancerDerived_InhSoilI	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	735273	4035592	4.43E-08	70YrCancerDerived_InhSoilI	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	735373	4035592	4.48E-08	70YrCancerDerived_InhSoilI	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	735473	4035592	4.52E-08	70YrCancerDerived_InhSoilI	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	735573	4035592	4.54E-08	70YrCancerDerived_InhSoilI	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	735673	4035592	4.55E-08	70YrCancerDerived_InhSoilI	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	735773	4035592	4.55E-08	70YrCancerDerived_InhSoilI	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	735873	4035592	4.55E-08	70YrCancerDerived_InhSoilI	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	735973	4035592	4.55E-08	70YrCancerDerived_InhSoilI	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	736073	4035592	4.55E-08	70YrCancerDerived_InhSoilI	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	736173	4035592	4.56E-08	70YrCancerDerived_InhSoilI	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	736273	4035592	4.55E-08	70YrCancerDerived_InhSoilI	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	736373	4035592	4.56E-08	70YrCancerDerived_InhSoilI	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

391	ALL	736473	4035592	4.57E-08	70YrCancerDerived_InhSoilI	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	736573	4035592	4.57E-08	70YrCancerDerived_InhSoilI	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	736673	4035592	4.58E-08	70YrCancerDerived_InhSoilI	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	736773	4035592	4.59E-08	70YrCancerDerived_InhSoilI	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	736873	4035592	4.60E-08	70YrCancerDerived_InhSoilI	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	736973	4035592	4.61E-08	70YrCancerDerived_InhSoilI	4.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	737073	4035592	4.62E-08	70YrCancerDerived_InhSoilI	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	737173	4035592	4.62E-08	70YrCancerDerived_InhSoilI	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	737273	4035592	4.63E-08	70YrCancerDerived_InhSoilI	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	737373	4035592	4.63E-08	70YrCancerDerived_InhSoilI	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	737473	4035592	4.64E-08	70YrCancerDerived_InhSoilI	4.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	737573	4035592	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	737673	4035592	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	737773	4035592	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	737973	4035592	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	735273	4035692	4.24E-08	70YrCancerDerived_InhSoilI	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	735373	4035692	4.29E-08	70YrCancerDerived_InhSoilI	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	735473	4035692	4.35E-08	70YrCancerDerived_InhSoilI	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	735573	4035692	4.39E-08	70YrCancerDerived_InhSoilI	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	735673	4035692	4.42E-08	70YrCancerDerived_InhSoilI	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	735773	4035692	4.43E-08	70YrCancerDerived_InhSoilI	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	735873	4035692	4.44E-08	70YrCancerDerived_InhSoilI	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	735973	4035692	4.44E-08	70YrCancerDerived_InhSoilI	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	736073	4035692	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	736173	4035692	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	736273	4035692	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	736373	4035692	4.46E-08	70YrCancerDerived_InhSoilI	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	736473	4035692	4.46E-08	70YrCancerDerived_InhSoilI	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	736573	4035692	4.47E-08	70YrCancerDerived_InhSoilI	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	736673	4035692	4.48E-08	70YrCancerDerived_InhSoilI	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	736773	4035692	4.49E-08	70YrCancerDerived_InhSoilI	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	736873	4035692	4.50E-08	70YrCancerDerived_InhSoilI	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	736973	4035692	4.52E-08	70YrCancerDerived_InhSoilI	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	737073	4035692	4.53E-08	70YrCancerDerived_InhSoilI	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	737173	4035692	4.54E-08	70YrCancerDerived_InhSoilI	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	737273	4035692	4.54E-08	70YrCancerDerived_InhSoilI	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	737373	4035692	4.55E-08	70YrCancerDerived_InhSoilI	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	737473	4035692	4.56E-08	70YrCancerDerived_InhSoilI	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	737573	4035692	4.57E-08	70YrCancerDerived_InhSoilI	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	737673	4035692	4.58E-08	70YrCancerDerived_InhSoilI	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	737773	4035692	4.58E-08	70YrCancerDerived_InhSoilI	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	737973	4035692	4.59E-08	70YrCancerDerived_InhSoilI	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	735373	4035792	4.12E-08	70YrCancerDerived_InhSoilI	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	735473	4035792	4.18E-08	70YrCancerDerived_InhSoilI	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	735573	4035792	4.23E-08	70YrCancerDerived_InhSoilI	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	735673	4035792	4.27E-08	70YrCancerDerived_InhSoilI	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	735773	4035792	4.30E-08	70YrCancerDerived_InhSoilI	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	735873	4035792	4.32E-08	70YrCancerDerived_InhSoilI	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	735973	4035792	4.34E-08	70YrCancerDerived_InhSoilI	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	736073	4035792	4.35E-08	70YrCancerDerived_InhSoilI	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	736173	4035792	4.36E-08	70YrCancerDerived_InhSoilI	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	736273	4035792	4.36E-08	70YrCancerDerived_InhSoilI	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	736373	4035792	4.37E-08	70YrCancerDerived_InhSoilI	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	736473	4035792	4.37E-08	70YrCancerDerived_InhSoilI	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	736573	4035792	4.38E-08	70YrCancerDerived_InhSoilI	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	736673	4035792	4.39E-08	70YrCancerDerived_InhSoilI	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

447	ALL	736773	4035792	4.40E-08	70YrCancerDerived_InhSoilI	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	736873	4035792	4.41E-08	70YrCancerDerived_InhSoilI	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	736973	4035792	4.43E-08	70YrCancerDerived_InhSoilI	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	737073	4035792	4.44E-08	70YrCancerDerived_InhSoilI	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	737173	4035792	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	737273	4035792	4.46E-08	70YrCancerDerived_InhSoilI	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	737373	4035792	4.47E-08	70YrCancerDerived_InhSoilI	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	737473	4035792	4.48E-08	70YrCancerDerived_InhSoilI	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	737573	4035792	4.49E-08	70YrCancerDerived_InhSoilI	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	737673	4035792	4.51E-08	70YrCancerDerived_InhSoilI	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	737773	4035792	4.51E-08	70YrCancerDerived_InhSoilI	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	737873	4035792	4.53E-08	70YrCancerDerived_InhSoilI	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	735473	4035892	4.02E-08	70YrCancerDerived_InhSoilI	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	735573	4035892	4.08E-08	70YrCancerDerived_InhSoilI	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	735673	4035892	4.13E-08	70YrCancerDerived_InhSoilI	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	735773	4035892	4.17E-08	70YrCancerDerived_InhSoilI	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	735873	4035892	4.20E-08	70YrCancerDerived_InhSoilI	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	735973	4035892	4.24E-08	70YrCancerDerived_InhSoilI	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	736073	4035892	4.26E-08	70YrCancerDerived_InhSoilI	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	736173	4035892	4.27E-08	70YrCancerDerived_InhSoilI	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	736273	4035892	4.28E-08	70YrCancerDerived_InhSoilI	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	736373	4035892	4.28E-08	70YrCancerDerived_InhSoilI	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	736473	4035892	4.28E-08	70YrCancerDerived_InhSoilI	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	736573	4035892	4.29E-08	70YrCancerDerived_InhSoilI	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	736673	4035892	4.30E-08	70YrCancerDerived_InhSoilI	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	736773	4035892	4.31E-08	70YrCancerDerived_InhSoilI	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	736873	4035892	4.32E-08	70YrCancerDerived_InhSoilI	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	736973	4035892	4.34E-08	70YrCancerDerived_InhSoilI	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	737073	4035892	4.35E-08	70YrCancerDerived_InhSoilI	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	737173	4035892	4.36E-08	70YrCancerDerived_InhSoilI	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	737273	4035892	4.37E-08	70YrCancerDerived_InhSoilI	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	737373	4035892	4.38E-08	70YrCancerDerived_InhSoilI	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	737473	4035892	4.40E-08	70YrCancerDerived_InhSoilI	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	737573	4035892	4.42E-08	70YrCancerDerived_InhSoilI	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	737673	4035892	4.43E-08	70YrCancerDerived_InhSoilI	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	737773	4035892	4.44E-08	70YrCancerDerived_InhSoilI	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	737873	4035892	4.46E-08	70YrCancerDerived_InhSoilI	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	737973	4035892	4.47E-08	70YrCancerDerived_InhSoilI	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	737573	4035992	4.34E-08	70YrCancerDerived_InhSoilI	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	737673	4035992	4.35E-08	70YrCancerDerived_InhSoilI	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	737773	4035992	4.37E-08	70YrCancerDerived_InhSoilI	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	737873	4035992	4.38E-08	70YrCancerDerived_InhSoilI	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	737973	4035992	4.40E-08	70YrCancerDerived_InhSoilI	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	737573	4036092	4.26E-08	70YrCancerDerived_InhSoilI	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	737673	4036092	4.28E-08	70YrCancerDerived_InhSoilI	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	737773	4036092	4.29E-08	70YrCancerDerived_InhSoilI	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	737873	4036092	4.31E-08	70YrCancerDerived_InhSoilI	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	737973	4036092	4.33E-08	70YrCancerDerived_InhSoilI	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	737573	4036192	4.18E-08	70YrCancerDerived_InhSoilI	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	737673	4036192	4.20E-08	70YrCancerDerived_InhSoilI	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	737773	4036192	4.22E-08	70YrCancerDerived_InhSoilI	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	737873	4036192	4.24E-08	70YrCancerDerived_InhSoilI	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	737973	4036192	4.25E-08	70YrCancerDerived_InhSoilI	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	737573	4036292	4.12E-08	70YrCancerDerived_InhSoilI	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	737673	4036292	4.13E-08	70YrCancerDerived_InhSoilI	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	737773	4036292	4.15E-08	70YrCancerDerived_InhSoilI	4.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

503	ALL	737873	4036292	4.17E-08	70YrCancerDerived_InhSoilI	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	737973	4036292	4.18E-08	70YrCancerDerived_InhSoilI	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	738080.96	4035200.87	4.93E-08	70YrCancerDerived_InhSoilI	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	738180.96	4035200.87	4.91E-08	70YrCancerDerived_InhSoilI	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	738280.96	4035200.87	4.90E-08	70YrCancerDerived_InhSoilI	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	738080.96	4035300.87	4.84E-08	70YrCancerDerived_InhSoilI	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	738180.96	4035300.87	4.83E-08	70YrCancerDerived_InhSoilI	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	738280.96	4035300.87	4.82E-08	70YrCancerDerived_InhSoilI	4.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	738380.96	4035300.87	4.81E-08	70YrCancerDerived_InhSoilI	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	738080.96	4035400.87	4.77E-08	70YrCancerDerived_InhSoilI	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	738180.96	4035400.87	4.76E-08	70YrCancerDerived_InhSoilI	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	738280.96	4035400.87	4.76E-08	70YrCancerDerived_InhSoilI	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	738380.96	4035400.87	4.75E-08	70YrCancerDerived_InhSoilI	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	738480.96	4035400.87	4.74E-08	70YrCancerDerived_InhSoilI	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	738080.96	4035500.87	4.71E-08	70YrCancerDerived_InhSoilI	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	738180.96	4035500.87	4.70E-08	70YrCancerDerived_InhSoilI	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	738280.96	4035500.87	4.70E-08	70YrCancerDerived_InhSoilI	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	738380.96	4035500.87	4.70E-08	70YrCancerDerived_InhSoilI	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	738480.96	4035500.87	4.69E-08	70YrCancerDerived_InhSoilI	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	738580.96	4035500.87	4.69E-08	70YrCancerDerived_InhSoilI	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	738080.96	4035600.87	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	738180.96	4035600.87	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	738280.96	4035600.87	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	738380.96	4035600.87	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	738480.96	4035600.87	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	738580.96	4035600.87	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	738080.96	4035700.87	4.59E-08	70YrCancerDerived_InhSoilI	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	738180.96	4035700.87	4.60E-08	70YrCancerDerived_InhSoilI	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	738280.96	4035700.87	4.60E-08	70YrCancerDerived_InhSoilI	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	738380.96	4035700.87	4.60E-08	70YrCancerDerived_InhSoilI	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	738480.96	4035700.87	4.60E-08	70YrCancerDerived_InhSoilI	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	738580.96	4035700.87	4.61E-08	70YrCancerDerived_InhSoilI	4.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	738080.96	4035800.87	4.54E-08	70YrCancerDerived_InhSoilI	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	738180.96	4035800.87	4.54E-08	70YrCancerDerived_InhSoilI	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	738280.96	4035800.87	4.55E-08	70YrCancerDerived_InhSoilI	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	738380.96	4035800.87	4.55E-08	70YrCancerDerived_InhSoilI	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	738480.96	4035800.87	4.56E-08	70YrCancerDerived_InhSoilI	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	738580.96	4035800.87	4.56E-08	70YrCancerDerived_InhSoilI	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	738180.96	4035900.87	4.48E-08	70YrCancerDerived_InhSoilI	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	738280.96	4035900.87	4.49E-08	70YrCancerDerived_InhSoilI	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	738380.96	4035900.87	4.50E-08	70YrCancerDerived_InhSoilI	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	738480.96	4035900.87	4.51E-08	70YrCancerDerived_InhSoilI	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	738580.96	4035900.87	4.52E-08	70YrCancerDerived_InhSoilI	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	738180.96	4036000.87	4.42E-08	70YrCancerDerived_InhSoilI	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	738280.96	4036000.87	4.43E-08	70YrCancerDerived_InhSoilI	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	738380.96	4036000.87	4.44E-08	70YrCancerDerived_InhSoilI	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	738480.96	4036000.87	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	738580.96	4036000.87	4.46E-08	70YrCancerDerived_InhSoilI	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	738080.96	4036100.87	4.34E-08	70YrCancerDerived_InhSoilI	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	738280.96	4036100.87	4.37E-08	70YrCancerDerived_InhSoilI	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	738380.96	4036100.87	4.38E-08	70YrCancerDerived_InhSoilI	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	738480.96	4036100.87	4.39E-08	70YrCancerDerived_InhSoilI	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	738580.96	4036100.87	4.40E-08	70YrCancerDerived_InhSoilI	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	738680.96	4036100.87	4.42E-08	70YrCancerDerived_InhSoilI	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	738780.96	4036100.87	4.43E-08	70YrCancerDerived_InhSoilI	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	738880.96	4036100.87	4.44E-08	70YrCancerDerived_InhSoilI	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

559	ALL	738980.96	4036100.87	4.44E-08	70YrCancerDerived_InhSoilI	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	739080.96	4036100.87	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	739180.96	4036100.87	4.46E-08	70YrCancerDerived_InhSoilI	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	739280.96	4036100.87	4.46E-08	70YrCancerDerived_InhSoilI	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	739380.96	4036100.87	4.46E-08	70YrCancerDerived_InhSoilI	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	739480.96	4036100.87	4.46E-08	70YrCancerDerived_InhSoilI	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	739580.96	4036100.87	4.46E-08	70YrCancerDerived_InhSoilI	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	739680.96	4036100.87	4.46E-08	70YrCancerDerived_InhSoilI	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	739780.96	4036100.87	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	739880.96	4036100.87	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	739980.96	4036100.87	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	740080.96	4036100.87	4.44E-08	70YrCancerDerived_InhSoilI	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	740180.96	4036100.87	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	740280.96	4036100.87	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	740380.96	4036100.87	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	740480.96	4036100.87	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	740580.96	4036100.87	4.46E-08	70YrCancerDerived_InhSoilI	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	740680.96	4036100.87	4.47E-08	70YrCancerDerived_InhSoilI	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	740780.96	4036100.87	4.49E-08	70YrCancerDerived_InhSoilI	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	740880.96	4036100.87	4.50E-08	70YrCancerDerived_InhSoilI	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	740980.96	4036100.87	4.51E-08	70YrCancerDerived_InhSoilI	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	741080.96	4036100.87	4.52E-08	70YrCancerDerived_InhSoilI	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	741180.96	4036100.87	4.54E-08	70YrCancerDerived_InhSoilI	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	741280.96	4036100.87	4.56E-08	70YrCancerDerived_InhSoilI	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	741380.96	4036100.87	4.58E-08	70YrCancerDerived_InhSoilI	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	741480.96	4036100.87	4.62E-08	70YrCancerDerived_InhSoilI	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	741580.96	4036100.87	4.66E-08	70YrCancerDerived_InhSoilI	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	741680.96	4036100.87	4.70E-08	70YrCancerDerived_InhSoilI	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	741780.96	4036100.87	4.74E-08	70YrCancerDerived_InhSoilI	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	741880.96	4036100.87	4.78E-08	70YrCancerDerived_InhSoilI	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	741980.96	4036100.87	4.80E-08	70YrCancerDerived_InhSoilI	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	738080.96	4036200.87	4.27E-08	70YrCancerDerived_InhSoilI	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	738280.96	4036200.87	4.30E-08	70YrCancerDerived_InhSoilI	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	738380.96	4036200.87	4.32E-08	70YrCancerDerived_InhSoilI	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	738480.96	4036200.87	4.33E-08	70YrCancerDerived_InhSoilI	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL	738580.96	4036200.87	4.34E-08	70YrCancerDerived_InhSoilI	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL	738680.96	4036200.87	4.36E-08	70YrCancerDerived_InhSoilI	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL	738780.96	4036200.87	4.37E-08	70YrCancerDerived_InhSoilI	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL	738880.96	4036200.87	4.38E-08	70YrCancerDerived_InhSoilI	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL	738980.96	4036200.87	4.39E-08	70YrCancerDerived_InhSoilI	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL	739080.96	4036200.87	4.40E-08	70YrCancerDerived_InhSoilI	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL	739180.96	4036200.87	4.41E-08	70YrCancerDerived_InhSoilI	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL	739280.96	4036200.87	4.42E-08	70YrCancerDerived_InhSoilI	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	739380.96	4036200.87	4.42E-08	70YrCancerDerived_InhSoilI	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	739480.96	4036200.87	4.42E-08	70YrCancerDerived_InhSoilI	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	739580.96	4036200.87	4.42E-08	70YrCancerDerived_InhSoilI	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	739680.96	4036200.87	4.42E-08	70YrCancerDerived_InhSoilI	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL	739780.96	4036200.87	4.42E-08	70YrCancerDerived_InhSoilI	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	739880.96	4036200.87	4.42E-08	70YrCancerDerived_InhSoilI	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	739980.96	4036200.87	4.42E-08	70YrCancerDerived_InhSoilI	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	740080.96	4036200.87	4.43E-08	70YrCancerDerived_InhSoilI	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	740180.96	4036200.87	4.43E-08	70YrCancerDerived_InhSoilI	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL	740280.96	4036200.87	4.43E-08	70YrCancerDerived_InhSoilI	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	740380.96	4036200.87	4.44E-08	70YrCancerDerived_InhSoilI	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL	740480.96	4036200.87	4.44E-08	70YrCancerDerived_InhSoilI	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL	740580.96	4036200.87	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

615	ALL	740680.96	4036200.87	4.46E-08	70YrCancerDerived_InhSoilI	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	740780.96	4036200.87	4.48E-08	70YrCancerDerived_InhSoilI	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	740880.96	4036200.87	4.49E-08	70YrCancerDerived_InhSoilI	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	740980.96	4036200.87	4.50E-08	70YrCancerDerived_InhSoilI	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	741080.96	4036200.87	4.51E-08	70YrCancerDerived_InhSoilI	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	741180.96	4036200.87	4.53E-08	70YrCancerDerived_InhSoilI	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	741280.96	4036200.87	4.55E-08	70YrCancerDerived_InhSoilI	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL	741380.96	4036200.87	4.58E-08	70YrCancerDerived_InhSoilI	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL	741480.96	4036200.87	4.61E-08	70YrCancerDerived_InhSoilI	4.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	741580.96	4036200.87	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL	741680.96	4036200.87	4.70E-08	70YrCancerDerived_InhSoilI	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	741780.96	4036200.87	4.74E-08	70YrCancerDerived_InhSoilI	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	741880.96	4036200.87	4.77E-08	70YrCancerDerived_InhSoilI	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL	741980.96	4036200.87	4.78E-08	70YrCancerDerived_InhSoilI	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL	742080.96	4036200.87	4.84E-08	70YrCancerDerived_InhSoilI	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL	738080.96	4036300.87	4.20E-08	70YrCancerDerived_InhSoilI	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL	738180.96	4036300.87	4.22E-08	70YrCancerDerived_InhSoilI	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL	738380.96	4036300.87	4.25E-08	70YrCancerDerived_InhSoilI	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL	738480.96	4036300.87	4.27E-08	70YrCancerDerived_InhSoilI	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	738580.96	4036300.87	4.28E-08	70YrCancerDerived_InhSoilI	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL	738680.96	4036300.87	4.30E-08	70YrCancerDerived_InhSoilI	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	738780.96	4036300.87	4.32E-08	70YrCancerDerived_InhSoilI	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL	738880.96	4036300.87	4.33E-08	70YrCancerDerived_InhSoilI	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	738980.96	4036300.87	4.34E-08	70YrCancerDerived_InhSoilI	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	739080.96	4036300.87	4.36E-08	70YrCancerDerived_InhSoilI	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	739180.96	4036300.87	4.37E-08	70YrCancerDerived_InhSoilI	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	739280.96	4036300.87	4.38E-08	70YrCancerDerived_InhSoilI	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	739380.96	4036300.87	4.38E-08	70YrCancerDerived_InhSoilI	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	739480.96	4036300.87	4.38E-08	70YrCancerDerived_InhSoilI	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL	739580.96	4036300.87	4.39E-08	70YrCancerDerived_InhSoilI	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL	739680.96	4036300.87	4.39E-08	70YrCancerDerived_InhSoilI	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	739780.96	4036300.87	4.39E-08	70YrCancerDerived_InhSoilI	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	739880.96	4036300.87	4.40E-08	70YrCancerDerived_InhSoilI	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	739980.96	4036300.87	4.41E-08	70YrCancerDerived_InhSoilI	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	740080.96	4036300.87	4.41E-08	70YrCancerDerived_InhSoilI	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL	740180.96	4036300.87	4.42E-08	70YrCancerDerived_InhSoilI	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	740280.96	4036300.87	4.42E-08	70YrCancerDerived_InhSoilI	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL	740380.96	4036300.87	4.43E-08	70YrCancerDerived_InhSoilI	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL	740480.96	4036300.87	4.44E-08	70YrCancerDerived_InhSoilI	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL	740580.96	4036300.87	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL	740680.96	4036300.87	4.46E-08	70YrCancerDerived_InhSoilI	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL	740780.96	4036300.87	4.48E-08	70YrCancerDerived_InhSoilI	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL	740880.96	4036300.87	4.48E-08	70YrCancerDerived_InhSoilI	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL	740980.96	4036300.87	4.50E-08	70YrCancerDerived_InhSoilI	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL	741080.96	4036300.87	4.52E-08	70YrCancerDerived_InhSoilI	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	741180.96	4036300.87	4.53E-08	70YrCancerDerived_InhSoilI	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL	741280.96	4036300.87	4.55E-08	70YrCancerDerived_InhSoilI	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL	741380.96	4036300.87	4.58E-08	70YrCancerDerived_InhSoilI	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	741480.96	4036300.87	4.62E-08	70YrCancerDerived_InhSoilI	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	741580.96	4036300.87	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	741680.96	4036300.87	4.69E-08	70YrCancerDerived_InhSoilI	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	741780.96	4036300.87	4.73E-08	70YrCancerDerived_InhSoilI	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	741880.96	4036300.87	4.76E-08	70YrCancerDerived_InhSoilI	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	741980.96	4036300.87	4.78E-08	70YrCancerDerived_InhSoilI	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	742080.96	4036300.87	4.83E-08	70YrCancerDerived_InhSoilI	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	742180.96	4036300.87	4.89E-08	70YrCancerDerived_InhSoilI	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

671	ALL		742280.96	4036300.87	4.95E-08	70YrCancerDerived_InhSoilI	4.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL		742380.96	4036300.87	5.02E-08	70YrCancerDerived_InhSoilI	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL		742480.96	4036300.87	5.09E-08	70YrCancerDerived_InhSoilI	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL		742580.96	4036300.87	5.17E-08	70YrCancerDerived_InhSoilI	5.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL		742680.96	4036300.87	5.24E-08	70YrCancerDerived_InhSoilI	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL		742780.96	4036300.87	5.33E-08	70YrCancerDerived_InhSoilI	5.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL		742880.96	4036300.87	5.41E-08	70YrCancerDerived_InhSoilI	5.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL		742980.96	4036300.87	5.50E-08	70YrCancerDerived_InhSoilI	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL		743080.96	4036300.87	5.60E-08	70YrCancerDerived_InhSoilI	5.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL		743180.96	4036300.87	5.69E-08	70YrCancerDerived_InhSoilI	5.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL		743280.96	4036300.87	5.79E-08	70YrCancerDerived_InhSoilI	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL		743380.96	4036300.87	5.90E-08	70YrCancerDerived_InhSoilI	5.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL		743480.96	4036300.87	6.00E-08	70YrCancerDerived_InhSoilI	6.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL		743580.96	4036300.87	6.11E-08	70YrCancerDerived_InhSoilI	6.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL		743680.96	4036300.87	6.22E-08	70YrCancerDerived_InhSoilI	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL		743780.96	4036300.87	6.34E-08	70YrCancerDerived_InhSoilI	6.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL		743880.96	4036300.87	6.45E-08	70YrCancerDerived_InhSoilI	6.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL		743980.96	4036300.87	6.58E-08	70YrCancerDerived_InhSoilI	6.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL		744080.96	4036300.87	6.71E-08	70YrCancerDerived_InhSoilI	6.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL		744180.96	4036300.87	6.84E-08	70YrCancerDerived_InhSoilI	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL		744280.96	4036300.87	6.98E-08	70YrCancerDerived_InhSoilI	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL		744380.96	4036300.87	7.12E-08	70YrCancerDerived_InhSoilI	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL		744480.96	4036300.87	7.28E-08	70YrCancerDerived_InhSoilI	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL		738080.96	4036400.87	4.13E-08	70YrCancerDerived_InhSoilI	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL		738180.96	4036400.87	4.15E-08	70YrCancerDerived_InhSoilI	4.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL		738280.96	4036400.87	4.17E-08	70YrCancerDerived_InhSoilI	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL		738480.96	4036400.87	4.21E-08	70YrCancerDerived_InhSoilI	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL		738580.96	4036400.87	4.22E-08	70YrCancerDerived_InhSoilI	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL		738680.96	4036400.87	4.24E-08	70YrCancerDerived_InhSoilI	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL		739380.96	4036400.87	4.34E-08	70YrCancerDerived_InhSoilI	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL		739480.96	4036400.87	4.34E-08	70YrCancerDerived_InhSoilI	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL		739580.96	4036400.87	4.35E-08	70YrCancerDerived_InhSoilI	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL		739680.96	4036400.87	4.36E-08	70YrCancerDerived_InhSoilI	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL		739780.96	4036400.87	4.37E-08	70YrCancerDerived_InhSoilI	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL		739880.96	4036400.87	4.38E-08	70YrCancerDerived_InhSoilI	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL		739980.96	4036400.87	4.39E-08	70YrCancerDerived_InhSoilI	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL		740080.96	4036400.87	4.39E-08	70YrCancerDerived_InhSoilI	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL		740180.96	4036400.87	4.41E-08	70YrCancerDerived_InhSoilI	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL		740280.96	4036400.87	4.41E-08	70YrCancerDerived_InhSoilI	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL		740380.96	4036400.87	4.43E-08	70YrCancerDerived_InhSoilI	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL		740480.96	4036400.87	4.44E-08	70YrCancerDerived_InhSoilI	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL		740580.96	4036400.87	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL		740680.96	4036400.87	4.46E-08	70YrCancerDerived_InhSoilI	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL		740780.96	4036400.87	4.48E-08	70YrCancerDerived_InhSoilI	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL		740880.96	4036400.87	4.50E-08	70YrCancerDerived_InhSoilI	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL		740980.96	4036400.87	4.51E-08	70YrCancerDerived_InhSoilI	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL		741080.96	4036400.87	4.53E-08	70YrCancerDerived_InhSoilI	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL		741180.96	4036400.87	4.55E-08	70YrCancerDerived_InhSoilI	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	ALL		741280.96	4036400.87	4.57E-08	70YrCancerDerived_InhSoilI	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL		741380.96	4036400.87	4.60E-08	70YrCancerDerived_InhSoilI	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	SENS	741480.96	4036400.87	4.63E-08	70YrCancerDerived_InhSoilI	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL		741580.96	4036400.87	4.67E-08	70YrCancerDerived_InhSoilI	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL		741680.96	4036400.87	4.71E-08	70YrCancerDerived_InhSoilI	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL		741780.96	4036400.87	4.75E-08	70YrCancerDerived_InhSoilI	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL		741880.96	4036400.87	4.76E-08	70YrCancerDerived_InhSoilI	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL		741980.96	4036400.87	4.79E-08	70YrCancerDerived_InhSoilI	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

727	ALL	742080.96	4036400.87	4.84E-08	70YrCancerDerived_InhSoilI	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	ALL	742180.96	4036400.87	4.90E-08	70YrCancerDerived_InhSoilI	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL	742280.96	4036400.87	4.96E-08	70YrCancerDerived_InhSoilI	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL	742380.96	4036400.87	5.03E-08	70YrCancerDerived_InhSoilI	5.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL	742480.96	4036400.87	5.10E-08	70YrCancerDerived_InhSoilI	5.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL	742580.96	4036400.87	5.18E-08	70YrCancerDerived_InhSoilI	5.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL	742680.96	4036400.87	5.26E-08	70YrCancerDerived_InhSoilI	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL	742780.96	4036400.87	5.34E-08	70YrCancerDerived_InhSoilI	5.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL	742880.96	4036400.87	5.43E-08	70YrCancerDerived_InhSoilI	5.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL	742980.96	4036400.87	5.53E-08	70YrCancerDerived_InhSoilI	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL	743080.96	4036400.87	5.63E-08	70YrCancerDerived_InhSoilI	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL	743180.96	4036400.87	5.73E-08	70YrCancerDerived_InhSoilI	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL	743280.96	4036400.87	5.84E-08	70YrCancerDerived_InhSoilI	5.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL	743380.96	4036400.87	5.95E-08	70YrCancerDerived_InhSoilI	5.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL	743480.96	4036400.87	6.06E-08	70YrCancerDerived_InhSoilI	6.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL	743580.96	4036400.87	6.18E-08	70YrCancerDerived_InhSoilI	6.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL	743680.96	4036400.87	6.30E-08	70YrCancerDerived_InhSoilI	6.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL	743780.96	4036400.87	6.42E-08	70YrCancerDerived_InhSoilI	6.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL	743880.96	4036400.87	6.55E-08	70YrCancerDerived_InhSoilI	6.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL	743980.96	4036400.87	6.68E-08	70YrCancerDerived_InhSoilI	6.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL	744080.96	4036400.87	6.82E-08	70YrCancerDerived_InhSoilI	6.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL	744180.96	4036400.87	6.96E-08	70YrCancerDerived_InhSoilI	6.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL	744280.96	4036400.87	7.11E-08	70YrCancerDerived_InhSoilI	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL	744380.96	4036400.87	7.27E-08	70YrCancerDerived_InhSoilI	7.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL	744480.96	4036400.87	7.43E-08	70YrCancerDerived_InhSoilI	7.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL	744580.96	4036400.87	7.61E-08	70YrCancerDerived_InhSoilI	7.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL	744680.96	4036400.87	7.80E-08	70YrCancerDerived_InhSoilI	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL	744780.96	4036400.87	8.01E-08	70YrCancerDerived_InhSoilI	8.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL	744880.96	4036400.87	8.24E-08	70YrCancerDerived_InhSoilI	8.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL	744980.96	4036400.87	8.49E-08	70YrCancerDerived_InhSoilI	8.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL	745080.96	4036400.87	8.76E-08	70YrCancerDerived_InhSoilI	8.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL	745180.96	4036400.87	9.07E-08	70YrCancerDerived_InhSoilI	9.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL	745280.96	4036400.87	9.40E-08	70YrCancerDerived_InhSoilI	9.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL	745380.96	4036400.87	9.78E-08	70YrCancerDerived_InhSoilI	9.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL	745480.96	4036400.87	1.02E-07	70YrCancerDerived_InhSoilI	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL	745580.96	4036400.87	1.07E-07	70YrCancerDerived_InhSoilI	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL	745680.96	4036400.87	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL	745780.96	4036400.87	1.21E-07	70YrCancerDerived_InhSoilI	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL	745880.96	4036400.87	1.31E-07	70YrCancerDerived_InhSoilI	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	ALL	738080.96	4036500.87	4.08E-08	70YrCancerDerived_InhSoilI	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	ALL	738180.96	4036500.87	4.10E-08	70YrCancerDerived_InhSoilI	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL	738280.96	4036500.87	4.11E-08	70YrCancerDerived_InhSoilI	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL	738480.96	4036500.87	4.15E-08	70YrCancerDerived_InhSoilI	4.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL	738780.96	4036500.87	4.21E-08	70YrCancerDerived_InhSoilI	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL	738880.96	4036500.87	4.23E-08	70YrCancerDerived_InhSoilI	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL	738980.96	4036500.87	4.25E-08	70YrCancerDerived_InhSoilI	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL	739080.96	4036500.87	4.26E-08	70YrCancerDerived_InhSoilI	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL	739180.96	4036500.87	4.28E-08	70YrCancerDerived_InhSoilI	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL	739280.96	4036500.87	4.29E-08	70YrCancerDerived_InhSoilI	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL	739380.96	4036500.87	4.30E-08	70YrCancerDerived_InhSoilI	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL	739480.96	4036500.87	4.31E-08	70YrCancerDerived_InhSoilI	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL	742280.96	4036500.87	4.98E-08	70YrCancerDerived_InhSoilI	4.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL	742380.96	4036500.87	5.05E-08	70YrCancerDerived_InhSoilI	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL	742480.96	4036500.87	5.12E-08	70YrCancerDerived_InhSoilI	5.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL	742580.96	4036500.87	5.19E-08	70YrCancerDerived_InhSoilI	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL	742680.96	4036500.87	5.27E-08	70YrCancerDerived_InhSoilI	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

783	ALL	742780.96	4036500.87	5.36E-08	70YrCancerDerived_InhSoilI	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL	742880.96	4036500.87	5.45E-08	70YrCancerDerived_InhSoilI	5.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL	742980.96	4036500.87	5.55E-08	70YrCancerDerived_InhSoilI	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	ALL	743080.96	4036500.87	5.65E-08	70YrCancerDerived_InhSoilI	5.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL	743180.96	4036500.87	5.76E-08	70YrCancerDerived_InhSoilI	5.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL	743280.96	4036500.87	5.87E-08	70YrCancerDerived_InhSoilI	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL	743380.96	4036500.87	5.99E-08	70YrCancerDerived_InhSoilI	5.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL	743480.96	4036500.87	6.10E-08	70YrCancerDerived_InhSoilI	6.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	ALL	743580.96	4036500.87	6.23E-08	70YrCancerDerived_InhSoilI	6.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL	743680.96	4036500.87	6.35E-08	70YrCancerDerived_InhSoilI	6.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL	743780.96	4036500.87	6.48E-08	70YrCancerDerived_InhSoilI	6.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL	743880.96	4036500.87	6.62E-08	70YrCancerDerived_InhSoilI	6.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL	743980.96	4036500.87	6.76E-08	70YrCancerDerived_InhSoilI	6.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL	744080.96	4036500.87	6.90E-08	70YrCancerDerived_InhSoilI	6.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL	744180.96	4036500.87	7.05E-08	70YrCancerDerived_InhSoilI	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL	744280.96	4036500.87	7.20E-08	70YrCancerDerived_InhSoilI	7.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL	744380.96	4036500.87	7.37E-08	70YrCancerDerived_InhSoilI	7.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL	744480.96	4036500.87	7.54E-08	70YrCancerDerived_InhSoilI	7.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL	744580.96	4036500.87	7.72E-08	70YrCancerDerived_InhSoilI	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL	744680.96	4036500.87	7.92E-08	70YrCancerDerived_InhSoilI	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL	744780.96	4036500.87	8.14E-08	70YrCancerDerived_InhSoilI	8.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL	744880.96	4036500.87	8.39E-08	70YrCancerDerived_InhSoilI	8.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL	744980.96	4036500.87	8.66E-08	70YrCancerDerived_InhSoilI	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL	745080.96	4036500.87	8.96E-08	70YrCancerDerived_InhSoilI	8.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL	745180.96	4036500.87	9.31E-08	70YrCancerDerived_InhSoilI	9.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	ALL	745280.96	4036500.87	9.70E-08	70YrCancerDerived_InhSoilI	9.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	ALL	745380.96	4036500.87	1.02E-07	70YrCancerDerived_InhSoilI	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL	745480.96	4036500.87	1.07E-07	70YrCancerDerived_InhSoilI	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	ALL	745580.96	4036500.87	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL	745680.96	4036500.87	1.21E-07	70YrCancerDerived_InhSoilI	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL	745780.96	4036500.87	1.31E-07	70YrCancerDerived_InhSoilI	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL	745880.96	4036500.87	1.45E-07	70YrCancerDerived_InhSoilI	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	ALL	738080.96	4036600.87	4.03E-08	70YrCancerDerived_InhSoilI	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL	738180.96	4036600.87	4.05E-08	70YrCancerDerived_InhSoilI	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL	738280.96	4036600.87	4.06E-08	70YrCancerDerived_InhSoilI	4.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL	738380.96	4036600.87	4.08E-08	70YrCancerDerived_InhSoilI	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	ALL	738580.96	4036600.87	4.12E-08	70YrCancerDerived_InhSoilI	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL	738680.96	4036600.87	4.14E-08	70YrCancerDerived_InhSoilI	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL	738780.96	4036600.87	4.16E-08	70YrCancerDerived_InhSoilI	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL	738880.96	4036600.87	4.18E-08	70YrCancerDerived_InhSoilI	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL	738980.96	4036600.87	4.20E-08	70YrCancerDerived_InhSoilI	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL	739080.96	4036600.87	4.22E-08	70YrCancerDerived_InhSoilI	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL	739180.96	4036600.87	4.24E-08	70YrCancerDerived_InhSoilI	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL	739280.96	4036600.87	4.25E-08	70YrCancerDerived_InhSoilI	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL	739380.96	4036600.87	4.26E-08	70YrCancerDerived_InhSoilI	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL	739480.96	4036600.87	4.28E-08	70YrCancerDerived_InhSoilI	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL	739580.96	4036600.87	4.30E-08	70YrCancerDerived_InhSoilI	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL	739680.96	4036600.87	4.31E-08	70YrCancerDerived_InhSoilI	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL	739780.96	4036600.87	4.33E-08	70YrCancerDerived_InhSoilI	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL	739880.96	4036600.87	4.35E-08	70YrCancerDerived_InhSoilI	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL	739980.96	4036600.87	4.37E-08	70YrCancerDerived_InhSoilI	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL	740080.96	4036600.87	4.38E-08	70YrCancerDerived_InhSoilI	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL	740180.96	4036600.87	4.39E-08	70YrCancerDerived_InhSoilI	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL	740280.96	4036600.87	4.40E-08	70YrCancerDerived_InhSoilI	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL	740380.96	4036600.87	4.42E-08	70YrCancerDerived_InhSoilI	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL	740480.96	4036600.87	4.44E-08	70YrCancerDerived_InhSoilI	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

839	ALL	740580.96	4036600.87	4.46E-08	70YrCancerDerived_InhSoilI	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL	740680.96	4036600.87	4.48E-08	70YrCancerDerived_InhSoilI	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL	740780.96	4036600.87	4.50E-08	70YrCancerDerived_InhSoilI	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL	740880.96	4036600.87	4.52E-08	70YrCancerDerived_InhSoilI	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL	740980.96	4036600.87	4.54E-08	70YrCancerDerived_InhSoilI	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL	741080.96	4036600.87	4.57E-08	70YrCancerDerived_InhSoilI	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL	741180.96	4036600.87	4.60E-08	70YrCancerDerived_InhSoilI	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL	741280.96	4036600.87	4.62E-08	70YrCancerDerived_InhSoilI	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL	741380.96	4036600.87	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL	741480.96	4036600.87	4.68E-08	70YrCancerDerived_InhSoilI	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL	741580.96	4036600.87	4.71E-08	70YrCancerDerived_InhSoilI	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL	741680.96	4036600.87	4.75E-08	70YrCancerDerived_InhSoilI	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL	741780.96	4036600.87	4.79E-08	70YrCancerDerived_InhSoilI	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL	741880.96	4036600.87	4.81E-08	70YrCancerDerived_InhSoilI	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL	741980.96	4036600.87	4.84E-08	70YrCancerDerived_InhSoilI	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL	742080.96	4036600.87	4.89E-08	70YrCancerDerived_InhSoilI	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL	742180.96	4036600.87	4.94E-08	70YrCancerDerived_InhSoilI	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	ALL	742280.96	4036600.87	5.00E-08	70YrCancerDerived_InhSoilI	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL	745380.96	4036600.87	1.07E-07	70YrCancerDerived_InhSoilI	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL	745480.96	4036600.87	1.14E-07	70YrCancerDerived_InhSoilI	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL	745580.96	4036600.87	1.22E-07	70YrCancerDerived_InhSoilI	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL	745680.96	4036600.87	1.32E-07	70YrCancerDerived_InhSoilI	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL	745780.96	4036600.87	1.44E-07	70YrCancerDerived_InhSoilI	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL	745880.96	4036600.87	1.61E-07	70YrCancerDerived_InhSoilI	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	ALL	745980.96	4036600.87	1.81E-07	70YrCancerDerived_InhSoilI	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL	738080.96	4036700.87	4.00E-08	70YrCancerDerived_InhSoilI	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL	738180.96	4036700.87	4.01E-08	70YrCancerDerived_InhSoilI	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL	738280.96	4036700.87	4.03E-08	70YrCancerDerived_InhSoilI	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL	738380.96	4036700.87	4.04E-08	70YrCancerDerived_InhSoilI	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL	738480.96	4036700.87	4.06E-08	70YrCancerDerived_InhSoilI	4.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL	738580.96	4036700.87	4.08E-08	70YrCancerDerived_InhSoilI	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	ALL	738680.96	4036700.87	4.10E-08	70YrCancerDerived_InhSoilI	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	ALL	738780.96	4036700.87	4.12E-08	70YrCancerDerived_InhSoilI	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL	738880.96	4036700.87	4.14E-08	70YrCancerDerived_InhSoilI	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	ALL	738980.96	4036700.87	4.16E-08	70YrCancerDerived_InhSoilI	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL	739080.96	4036700.87	4.18E-08	70YrCancerDerived_InhSoilI	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	ALL	739180.96	4036700.87	4.20E-08	70YrCancerDerived_InhSoilI	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	ALL	739280.96	4036700.87	4.21E-08	70YrCancerDerived_InhSoilI	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	ALL	739380.96	4036700.87	4.23E-08	70YrCancerDerived_InhSoilI	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	ALL	739480.96	4036700.87	4.25E-08	70YrCancerDerived_InhSoilI	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	ALL	739580.96	4036700.87	4.27E-08	70YrCancerDerived_InhSoilI	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	ALL	739680.96	4036700.87	4.29E-08	70YrCancerDerived_InhSoilI	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL	739780.96	4036700.87	4.31E-08	70YrCancerDerived_InhSoilI	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	ALL	739880.96	4036700.87	4.33E-08	70YrCancerDerived_InhSoilI	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	ALL	739980.96	4036700.87	4.36E-08	70YrCancerDerived_InhSoilI	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	ALL	740080.96	4036700.87	4.38E-08	70YrCancerDerived_InhSoilI	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	ALL	740180.96	4036700.87	4.39E-08	70YrCancerDerived_InhSoilI	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	ALL	740280.96	4036700.87	4.40E-08	70YrCancerDerived_InhSoilI	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	ALL	740380.96	4036700.87	4.43E-08	70YrCancerDerived_InhSoilI	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	ALL	740480.96	4036700.87	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	ALL	740580.96	4036700.87	4.47E-08	70YrCancerDerived_InhSoilI	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	ALL	740680.96	4036700.87	4.50E-08	70YrCancerDerived_InhSoilI	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	ALL	740780.96	4036700.87	4.52E-08	70YrCancerDerived_InhSoilI	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	ALL	740880.96	4036700.87	4.54E-08	70YrCancerDerived_InhSoilI	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	ALL	740980.96	4036700.87	4.57E-08	70YrCancerDerived_InhSoilI	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	ALL	741080.96	4036700.87	4.60E-08	70YrCancerDerived_InhSoilI	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

895	ALL	741180.96	4036700.87	4.63E-08	70YrCancerDerived_InhSoilI	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	ALL	741280.96	4036700.87	4.66E-08	70YrCancerDerived_InhSoilI	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	ALL	741380.96	4036700.87	4.68E-08	70YrCancerDerived_InhSoilI	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	ALL	741480.96	4036700.87	4.71E-08	70YrCancerDerived_InhSoilI	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	ALL	741580.96	4036700.87	4.74E-08	70YrCancerDerived_InhSoilI	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	ALL	741680.96	4036700.87	4.78E-08	70YrCancerDerived_InhSoilI	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901	ALL	741780.96	4036700.87	4.82E-08	70YrCancerDerived_InhSoilI	4.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	ALL	741880.96	4036700.87	4.84E-08	70YrCancerDerived_InhSoilI	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	ALL	741980.96	4036700.87	4.87E-08	70YrCancerDerived_InhSoilI	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	ALL	742080.96	4036700.87	4.91E-08	70YrCancerDerived_InhSoilI	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	ALL	742180.96	4036700.87	4.97E-08	70YrCancerDerived_InhSoilI	4.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	ALL	742280.96	4036700.87	5.02E-08	70YrCancerDerived_InhSoilI	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	ALL	742380.96	4036700.87	5.08E-08	70YrCancerDerived_InhSoilI	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	ALL	742480.96	4036700.87	5.15E-08	70YrCancerDerived_InhSoilI	5.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909	ALL	742580.96	4036700.87	5.22E-08	70YrCancerDerived_InhSoilI	5.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
910	ALL	742680.96	4036700.87	5.29E-08	70YrCancerDerived_InhSoilI	5.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911	ALL	742780.96	4036700.87	5.37E-08	70YrCancerDerived_InhSoilI	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	ALL	742880.96	4036700.87	5.46E-08	70YrCancerDerived_InhSoilI	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	ALL	742980.96	4036700.87	5.55E-08	70YrCancerDerived_InhSoilI	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	ALL	743080.96	4036700.87	5.65E-08	70YrCancerDerived_InhSoilI	5.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	ALL	743180.96	4036700.87	5.75E-08	70YrCancerDerived_InhSoilI	5.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916	ALL	743280.96	4036700.87	5.87E-08	70YrCancerDerived_InhSoilI	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917	ALL	743380.96	4036700.87	5.98E-08	70YrCancerDerived_InhSoilI	5.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	ALL	743480.96	4036700.87	6.11E-08	70YrCancerDerived_InhSoilI	6.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	ALL	743580.96	4036700.87	6.24E-08	70YrCancerDerived_InhSoilI	6.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	ALL	743680.96	4036700.87	6.38E-08	70YrCancerDerived_InhSoilI	6.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	ALL	743780.96	4036700.87	6.52E-08	70YrCancerDerived_InhSoilI	6.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	ALL	743880.96	4036700.87	6.67E-08	70YrCancerDerived_InhSoilI	6.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923	ALL	743980.96	4036700.87	6.82E-08	70YrCancerDerived_InhSoilI	6.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	ALL	744080.96	4036700.87	6.98E-08	70YrCancerDerived_InhSoilI	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	ALL	744180.96	4036700.87	7.16E-08	70YrCancerDerived_InhSoilI	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	ALL	744280.96	4036700.87	7.34E-08	70YrCancerDerived_InhSoilI	7.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	ALL	744380.96	4036700.87	7.53E-08	70YrCancerDerived_InhSoilI	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	ALL	744480.96	4036700.87	7.74E-08	70YrCancerDerived_InhSoilI	7.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	ALL	744580.96	4036700.87	7.97E-08	70YrCancerDerived_InhSoilI	7.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	ALL	744680.96	4036700.87	8.23E-08	70YrCancerDerived_InhSoilI	8.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	ALL	744780.96	4036700.87	8.52E-08	70YrCancerDerived_InhSoilI	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	ALL	744880.96	4036700.87	8.84E-08	70YrCancerDerived_InhSoilI	8.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	ALL	744980.96	4036700.87	9.21E-08	70YrCancerDerived_InhSoilI	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	ALL	745080.96	4036700.87	9.63E-08	70YrCancerDerived_InhSoilI	9.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	ALL	745180.96	4036700.87	1.01E-07	70YrCancerDerived_InhSoilI	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	ALL	738080.96	4036800.87	3.97E-08	70YrCancerDerived_InhSoilI	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	ALL	738180.96	4036800.87	3.99E-08	70YrCancerDerived_InhSoilI	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	ALL	738280.96	4036800.87	4.00E-08	70YrCancerDerived_InhSoilI	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	ALL	738380.96	4036800.87	4.01E-08	70YrCancerDerived_InhSoilI	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	ALL	738480.96	4036800.87	4.03E-08	70YrCancerDerived_InhSoilI	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	ALL	738580.96	4036800.87	4.04E-08	70YrCancerDerived_InhSoilI	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942	ALL	738680.96	4036800.87	4.06E-08	70YrCancerDerived_InhSoilI	4.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	ALL	738780.96	4036800.87	4.08E-08	70YrCancerDerived_InhSoilI	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944	ALL	738880.96	4036800.87	4.10E-08	70YrCancerDerived_InhSoilI	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945	ALL	738980.96	4036800.87	4.12E-08	70YrCancerDerived_InhSoilI	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946	ALL	739080.96	4036800.87	4.14E-08	70YrCancerDerived_InhSoilI	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	ALL	739180.96	4036800.87	4.16E-08	70YrCancerDerived_InhSoilI	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	ALL	739280.96	4036800.87	4.18E-08	70YrCancerDerived_InhSoilI	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	ALL	739380.96	4036800.87	4.20E-08	70YrCancerDerived_InhSoilI	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	ALL	739480.96	4036800.87	4.22E-08	70YrCancerDerived_InhSoilI	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

951	ALL	739580.96	4036800.87	4.24E-08	70YrCancerDerived_InhSoilI	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	ALL	739680.96	4036800.87	4.27E-08	70YrCancerDerived_InhSoilI	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	ALL	739780.96	4036800.87	4.29E-08	70YrCancerDerived_InhSoilI	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	ALL	739880.96	4036800.87	4.32E-08	70YrCancerDerived_InhSoilI	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955	ALL	739980.96	4036800.87	4.34E-08	70YrCancerDerived_InhSoilI	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	ALL	740080.96	4036800.87	4.36E-08	70YrCancerDerived_InhSoilI	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	ALL	740180.96	4036800.87	4.38E-08	70YrCancerDerived_InhSoilI	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958	ALL	740280.96	4036800.87	4.40E-08	70YrCancerDerived_InhSoilI	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959	ALL	740380.96	4036800.87	4.43E-08	70YrCancerDerived_InhSoilI	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	ALL	740480.96	4036800.87	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	ALL	740580.96	4036800.87	4.48E-08	70YrCancerDerived_InhSoilI	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	ALL	740680.96	4036800.87	4.51E-08	70YrCancerDerived_InhSoilI	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	ALL	740780.96	4036800.87	4.53E-08	70YrCancerDerived_InhSoilI	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	ALL	740880.96	4036800.87	4.56E-08	70YrCancerDerived_InhSoilI	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	ALL	740980.96	4036800.87	4.59E-08	70YrCancerDerived_InhSoilI	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	ALL	741080.96	4036800.87	4.62E-08	70YrCancerDerived_InhSoilI	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	ALL	741180.96	4036800.87	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	ALL	741280.96	4036800.87	4.68E-08	70YrCancerDerived_InhSoilI	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	ALL	741380.96	4036800.87	4.71E-08	70YrCancerDerived_InhSoilI	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	ALL	741480.96	4036800.87	4.74E-08	70YrCancerDerived_InhSoilI	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	ALL	741580.96	4036800.87	4.77E-08	70YrCancerDerived_InhSoilI	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	ALL	741680.96	4036800.87	4.81E-08	70YrCancerDerived_InhSoilI	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	ALL	741780.96	4036800.87	4.85E-08	70YrCancerDerived_InhSoilI	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	ALL	741880.96	4036800.87	4.87E-08	70YrCancerDerived_InhSoilI	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	ALL	741980.96	4036800.87	4.89E-08	70YrCancerDerived_InhSoilI	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	ALL	742080.96	4036800.87	4.93E-08	70YrCancerDerived_InhSoilI	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	ALL	742180.96	4036800.87	4.98E-08	70YrCancerDerived_InhSoilI	4.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	ALL	742280.96	4036800.87	5.03E-08	70YrCancerDerived_InhSoilI	5.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	ALL	742380.96	4036800.87	5.09E-08	70YrCancerDerived_InhSoilI	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	ALL	742480.96	4036800.87	5.15E-08	70YrCancerDerived_InhSoilI	5.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	ALL	742580.96	4036800.87	5.21E-08	70YrCancerDerived_InhSoilI	5.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	ALL	742680.96	4036800.87	5.28E-08	70YrCancerDerived_InhSoilI	5.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	ALL	742780.96	4036800.87	5.36E-08	70YrCancerDerived_InhSoilI	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	ALL	742880.96	4036800.87	5.44E-08	70YrCancerDerived_InhSoilI	5.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	ALL	742980.96	4036800.87	5.53E-08	70YrCancerDerived_InhSoilI	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	ALL	743080.96	4036800.87	5.63E-08	70YrCancerDerived_InhSoilI	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	ALL	743180.96	4036800.87	5.73E-08	70YrCancerDerived_InhSoilI	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	ALL	743280.96	4036800.87	5.85E-08	70YrCancerDerived_InhSoilI	5.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	ALL	743380.96	4036800.87	5.96E-08	70YrCancerDerived_InhSoilI	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	ALL	743480.96	4036800.87	6.09E-08	70YrCancerDerived_InhSoilI	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991	ALL	743580.96	4036800.87	6.23E-08	70YrCancerDerived_InhSoilI	6.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	ALL	743680.96	4036800.87	6.37E-08	70YrCancerDerived_InhSoilI	6.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	ALL	743780.96	4036800.87	6.53E-08	70YrCancerDerived_InhSoilI	6.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	ALL	743880.96	4036800.87	6.69E-08	70YrCancerDerived_InhSoilI	6.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	ALL	743980.96	4036800.87	6.86E-08	70YrCancerDerived_InhSoilI	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	ALL	744080.96	4036800.87	7.04E-08	70YrCancerDerived_InhSoilI	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	ALL	744180.96	4036800.87	7.24E-08	70YrCancerDerived_InhSoilI	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	ALL	744280.96	4036800.87	7.45E-08	70YrCancerDerived_InhSoilI	7.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	ALL	744380.96	4036800.87	7.67E-08	70YrCancerDerived_InhSoilI	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	ALL	744480.96	4036800.87	7.92E-08	70YrCancerDerived_InhSoilI	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1001	ALL	744580.96	4036800.87	8.19E-08	70YrCancerDerived_InhSoilI	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	ALL	744680.96	4036800.87	8.48E-08	70YrCancerDerived_InhSoilI	8.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	ALL	744780.96	4036800.87	8.81E-08	70YrCancerDerived_InhSoilI	8.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	ALL	744880.96	4036800.87	9.18E-08	70YrCancerDerived_InhSoilI	9.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	ALL	744980.96	4036800.87	9.61E-08	70YrCancerDerived_InhSoilI	9.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	ALL	745080.96	4036800.87	1.01E-07	70YrCancerDerived_InhSoilI	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1007	ALL	745180.96	4036800.87	1.07E-07	70YrCancerDerived_InhSoilI	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008	ALL	745280.96	4036800.87	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	ALL	745380.96	4036800.87	1.21E-07	70YrCancerDerived_InhSoilI	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010	ALL	745480.96	4036800.87	1.31E-07	70YrCancerDerived_InhSoilI	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011	ALL	745580.96	4036800.87	1.42E-07	70YrCancerDerived_InhSoilI	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	ALL	745680.96	4036800.87	1.55E-07	70YrCancerDerived_InhSoilI	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	ALL	745780.96	4036800.87	1.70E-07	70YrCancerDerived_InhSoilI	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	ALL	745880.96	4036800.87	1.89E-07	70YrCancerDerived_InhSoilI	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	ALL	741480.96	4036900.87	4.76E-08	70YrCancerDerived_InhSoilI	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	ALL	741580.96	4036900.87	4.79E-08	70YrCancerDerived_InhSoilI	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	ALL	741680.96	4036900.87	4.83E-08	70YrCancerDerived_InhSoilI	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	ALL	741780.96	4036900.87	4.87E-08	70YrCancerDerived_InhSoilI	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019	ALL	741880.96	4036900.87	4.89E-08	70YrCancerDerived_InhSoilI	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	ALL	741980.96	4036900.87	4.91E-08	70YrCancerDerived_InhSoilI	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	ALL	742080.96	4036900.87	4.95E-08	70YrCancerDerived_InhSoilI	4.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	ALL	742180.96	4036900.87	4.99E-08	70YrCancerDerived_InhSoilI	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	ALL	742280.96	4036900.87	5.04E-08	70YrCancerDerived_InhSoilI	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	ALL	742380.96	4036900.87	5.09E-08	70YrCancerDerived_InhSoilI	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025	ALL	742480.96	4036900.87	5.15E-08	70YrCancerDerived_InhSoilI	5.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026	ALL	742580.96	4036900.87	5.21E-08	70YrCancerDerived_InhSoilI	5.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	ALL	742680.96	4036900.87	5.28E-08	70YrCancerDerived_InhSoilI	5.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	ALL	742780.96	4036900.87	5.35E-08	70YrCancerDerived_InhSoilI	5.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	ALL	742880.96	4036900.87	5.43E-08	70YrCancerDerived_InhSoilI	5.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	ALL	742980.96	4036900.87	5.52E-08	70YrCancerDerived_InhSoilI	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	ALL	743080.96	4036900.87	5.62E-08	70YrCancerDerived_InhSoilI	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	ALL	743180.96	4036900.87	5.72E-08	70YrCancerDerived_InhSoilI	5.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	ALL	743280.96	4036900.87	5.83E-08	70YrCancerDerived_InhSoilI	5.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	ALL	743380.96	4036900.87	5.96E-08	70YrCancerDerived_InhSoilI	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	ALL	743480.96	4036900.87	6.09E-08	70YrCancerDerived_InhSoilI	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1036	ALL	743580.96	4036900.87	6.24E-08	70YrCancerDerived_InhSoilI	6.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037	ALL	743680.96	4036900.87	6.39E-08	70YrCancerDerived_InhSoilI	6.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	ALL	743780.96	4036900.87	6.56E-08	70YrCancerDerived_InhSoilI	6.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	ALL	743880.96	4036900.87	6.74E-08	70YrCancerDerived_InhSoilI	6.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	ALL	743980.96	4036900.87	6.93E-08	70YrCancerDerived_InhSoilI	6.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	ALL	744080.96	4036900.87	7.14E-08	70YrCancerDerived_InhSoilI	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042	ALL	744180.96	4036900.87	7.36E-08	70YrCancerDerived_InhSoilI	7.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	ALL	744280.96	4036900.87	7.59E-08	70YrCancerDerived_InhSoilI	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	ALL	744380.96	4036900.87	7.85E-08	70YrCancerDerived_InhSoilI	7.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	ALL	744480.96	4036900.87	8.13E-08	70YrCancerDerived_InhSoilI	8.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	ALL	744580.96	4036900.87	8.43E-08	70YrCancerDerived_InhSoilI	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	ALL	744680.96	4036900.87	8.77E-08	70YrCancerDerived_InhSoilI	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	ALL	744780.96	4036900.87	9.14E-08	70YrCancerDerived_InhSoilI	9.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	ALL	744880.96	4036900.87	9.56E-08	70YrCancerDerived_InhSoilI	9.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	ALL	744980.96	4036900.87	1.00E-07	70YrCancerDerived_InhSoilI	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	ALL	745080.96	4036900.87	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	ALL	745180.96	4036900.87	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	ALL	745280.96	4036900.87	1.20E-07	70YrCancerDerived_InhSoilI	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	ALL	745380.96	4036900.87	1.29E-07	70YrCancerDerived_InhSoilI	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055	ALL	745480.96	4036900.87	1.39E-07	70YrCancerDerived_InhSoilI	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	ALL	745580.96	4036900.87	1.50E-07	70YrCancerDerived_InhSoilI	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	ALL	745680.96	4036900.87	1.63E-07	70YrCancerDerived_InhSoilI	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	ALL	745780.96	4036900.87	1.78E-07	70YrCancerDerived_InhSoilI	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	ALL	745880.96	4036900.87	1.95E-07	70YrCancerDerived_InhSoilI	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	ALL	747188.42	4034760.7	1.73E-07	70YrCancerDerived_InhSoilI	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	ALL	747288.42	4034760.7	2.11E-07	70YrCancerDerived_InhSoilI	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	ALL	747388.42	4034760.7	2.53E-07	70YrCancerDerived_InhSoilI	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1063	ALL	747488.42	4034760.7	2.94E-07	70YrCancerDerived_InhSoilI	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	ALL	747588.42	4034760.7	3.35E-07	70YrCancerDerived_InhSoilI	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	ALL	747688.42	4034760.7	3.72E-07	70YrCancerDerived_InhSoilI	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	ALL	747788.42	4034760.7	4.06E-07	70YrCancerDerived_InhSoilI	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	ALL	747888.42	4034760.7	4.34E-07	70YrCancerDerived_InhSoilI	4.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	ALL	747988.42	4034760.7	4.56E-07	70YrCancerDerived_InhSoilI	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	ALL	748088.42	4034760.7	4.76E-07	70YrCancerDerived_InhSoilI	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	ALL	748188.42	4034760.7	4.91E-07	70YrCancerDerived_InhSoilI	4.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	ALL	748288.42	4034760.7	5.01E-07	70YrCancerDerived_InhSoilI	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	ALL	748388.42	4034760.7	5.04E-07	70YrCancerDerived_InhSoilI	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	ALL	748488.42	4034760.7	5.03E-07	70YrCancerDerived_InhSoilI	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	ALL	748588.42	4034760.7	4.97E-07	70YrCancerDerived_InhSoilI	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	ALL	748688.42	4034760.7	4.86E-07	70YrCancerDerived_InhSoilI	4.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	ALL	748788.42	4034760.7	4.71E-07	70YrCancerDerived_InhSoilI	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	ALL	748888.42	4034760.7	4.54E-07	70YrCancerDerived_InhSoilI	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	ALL	747188.42	4034860.7	1.91E-07	70YrCancerDerived_InhSoilI	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	ALL	747288.42	4034860.7	2.38E-07	70YrCancerDerived_InhSoilI	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	ALL	747388.42	4034860.7	2.89E-07	70YrCancerDerived_InhSoilI	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1081	ALL	747488.42	4034860.7	3.39E-07	70YrCancerDerived_InhSoilI	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	ALL	747588.42	4034860.7	3.87E-07	70YrCancerDerived_InhSoilI	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	ALL	747688.42	4034860.7	4.32E-07	70YrCancerDerived_InhSoilI	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	ALL	747788.42	4034860.7	4.70E-07	70YrCancerDerived_InhSoilI	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	ALL	747888.42	4034860.7	5.02E-07	70YrCancerDerived_InhSoilI	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	ALL	747988.42	4034860.7	5.25E-07	70YrCancerDerived_InhSoilI	5.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	ALL	748088.42	4034860.7	5.45E-07	70YrCancerDerived_InhSoilI	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	ALL	748188.42	4034860.7	5.58E-07	70YrCancerDerived_InhSoilI	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	ALL	748288.42	4034860.7	5.64E-07	70YrCancerDerived_InhSoilI	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	ALL	748388.42	4034860.7	5.60E-07	70YrCancerDerived_InhSoilI	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	ALL	748488.42	4034860.7	5.51E-07	70YrCancerDerived_InhSoilI	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1092	ALL	748588.42	4034860.7	5.37E-07	70YrCancerDerived_InhSoilI	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	ALL	748688.42	4034860.7	5.18E-07	70YrCancerDerived_InhSoilI	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	ALL	748788.42	4034860.7	4.95E-07	70YrCancerDerived_InhSoilI	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	ALL	748888.42	4034860.7	4.71E-07	70YrCancerDerived_InhSoilI	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	ALL	747188.42	4034960.7	2.13E-07	70YrCancerDerived_InhSoilI	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	ALL	747288.42	4034960.7	2.72E-07	70YrCancerDerived_InhSoilI	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	ALL	747388.42	4034960.7	3.35E-07	70YrCancerDerived_InhSoilI	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	ALL	747488.42	4034960.7	3.97E-07	70YrCancerDerived_InhSoilI	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	ALL	747588.42	4034960.7	4.55E-07	70YrCancerDerived_InhSoilI	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	ALL	747688.42	4034960.7	5.07E-07	70YrCancerDerived_InhSoilI	5.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	ALL	747788.42	4034960.7	5.51E-07	70YrCancerDerived_InhSoilI	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103	ALL	747888.42	4034960.7	5.86E-07	70YrCancerDerived_InhSoilI	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	ALL	747988.42	4034960.7	6.10E-07	70YrCancerDerived_InhSoilI	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	ALL	748088.42	4034960.7	6.27E-07	70YrCancerDerived_InhSoilI	6.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	ALL	748188.42	4034960.7	6.34E-07	70YrCancerDerived_InhSoilI	6.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	ALL	748288.42	4034960.7	6.31E-07	70YrCancerDerived_InhSoilI	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	ALL	748388.42	4034960.7	6.17E-07	70YrCancerDerived_InhSoilI	6.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	ALL	748488.42	4034960.7	5.98E-07	70YrCancerDerived_InhSoilI	5.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	ALL	748588.42	4034960.7	5.72E-07	70YrCancerDerived_InhSoilI	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111	ALL	748688.42	4034960.7	5.43E-07	70YrCancerDerived_InhSoilI	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	ALL	748788.42	4034960.7	5.12E-07	70YrCancerDerived_InhSoilI	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	ALL	748888.42	4034960.7	4.81E-07	70YrCancerDerived_InhSoilI	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114	ALL	747188.42	4035060.7	2.42E-07	70YrCancerDerived_InhSoilI	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	ALL	747288.42	4035060.7	3.16E-07	70YrCancerDerived_InhSoilI	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116	ALL	747388.42	4035060.7	3.96E-07	70YrCancerDerived_InhSoilI	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117	ALL	747488.42	4035060.7	4.73E-07	70YrCancerDerived_InhSoilI	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	ALL	747588.42	4035060.7	5.44E-07	70YrCancerDerived_InhSoilI	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1119	ALL	747688.42	4035060.7	6.05E-07	70YrCancerDerived_InhSoilI	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	ALL	747788.42	4035060.7	6.55E-07	70YrCancerDerived_InhSoilI	6.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121	ALL	747888.42	4035060.7	6.93E-07	70YrCancerDerived_InhSoilI	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	ALL	747988.42	4035060.7	7.13E-07	70YrCancerDerived_InhSoilI	7.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	ALL	748088.42	4035060.7	7.23E-07	70YrCancerDerived_InhSoilI	7.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	ALL	748188.42	4035060.7	7.18E-07	70YrCancerDerived_InhSoilI	7.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	ALL	748288.42	4035060.7	7.01E-07	70YrCancerDerived_InhSoilI	7.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1126	ALL	748388.42	4035060.7	6.72E-07	70YrCancerDerived_InhSoilI	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	ALL	748488.42	4035060.7	6.38E-07	70YrCancerDerived_InhSoilI	6.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	ALL	748588.42	4035060.7	5.99E-07	70YrCancerDerived_InhSoilI	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	ALL	748688.42	4035060.7	5.60E-07	70YrCancerDerived_InhSoilI	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	ALL	748788.42	4035060.7	5.21E-07	70YrCancerDerived_InhSoilI	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	ALL	748888.42	4035060.7	4.83E-07	70YrCancerDerived_InhSoilI	4.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132	ALL	747188.42	4035160.7	2.80E-07	70YrCancerDerived_InhSoilI	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	ALL	747288.42	4035160.7	3.77E-07	70YrCancerDerived_InhSoilI	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	ALL	747388.42	4035160.7	4.80E-07	70YrCancerDerived_InhSoilI	4.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	ALL	747488.42	4035160.7	5.78E-07	70YrCancerDerived_InhSoilI	5.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	ALL	748388.42	4035160.7	7.19E-07	70YrCancerDerived_InhSoilI	7.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	ALL	748488.42	4035160.7	6.68E-07	70YrCancerDerived_InhSoilI	6.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	ALL	748588.42	4035160.7	6.16E-07	70YrCancerDerived_InhSoilI	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	ALL	748688.42	4035160.7	5.66E-07	70YrCancerDerived_InhSoilI	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	ALL	748788.42	4035160.7	5.19E-07	70YrCancerDerived_InhSoilI	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141	ALL	748888.42	4035160.7	4.77E-07	70YrCancerDerived_InhSoilI	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	ALL	747188.42	4035260.7	3.31E-07	70YrCancerDerived_InhSoilI	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143	ALL	747288.42	4035260.7	4.60E-07	70YrCancerDerived_InhSoilI	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	ALL	747388.42	4035260.7	5.96E-07	70YrCancerDerived_InhSoilI	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	ALL	747488.42	4035260.7	7.24E-07	70YrCancerDerived_InhSoilI	7.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	ALL	748388.42	4035260.7	7.47E-07	70YrCancerDerived_InhSoilI	7.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	ALL	748488.42	4035260.7	6.79E-07	70YrCancerDerived_InhSoilI	6.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	ALL	748588.42	4035260.7	6.16E-07	70YrCancerDerived_InhSoilI	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	ALL	748688.42	4035260.7	5.58E-07	70YrCancerDerived_InhSoilI	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	ALL	748788.42	4035260.7	5.08E-07	70YrCancerDerived_InhSoilI	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151	ALL	748888.42	4035260.7	4.63E-07	70YrCancerDerived_InhSoilI	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	ALL	747188.42	4035360.7	4.01E-07	70YrCancerDerived_InhSoilI	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153	ALL	747288.42	4035360.7	5.81E-07	70YrCancerDerived_InhSoilI	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	ALL	747388.42	4035360.7	7.68E-07	70YrCancerDerived_InhSoilI	7.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	ALL	747488.42	4035360.7	9.36E-07	70YrCancerDerived_InhSoilI	9.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	ALL	748388.42	4035360.7	7.51E-07	70YrCancerDerived_InhSoilI	7.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	ALL	748488.42	4035360.7	6.71E-07	70YrCancerDerived_InhSoilI	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	ALL	748588.42	4035360.7	6.00E-07	70YrCancerDerived_InhSoilI	6.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	ALL	748688.42	4035360.7	5.39E-07	70YrCancerDerived_InhSoilI	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	ALL	748788.42	4035360.7	4.88E-07	70YrCancerDerived_InhSoilI	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	ALL	748888.42	4035360.7	4.44E-07	70YrCancerDerived_InhSoilI	4.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	ALL	747188.42	4035460.7	5.08E-07	70YrCancerDerived_InhSoilI	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	ALL	747288.42	4035460.7	7.72E-07	70YrCancerDerived_InhSoilI	7.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	ALL	747388.42	4035460.7	1.04E-06	70YrCancerDerived_InhSoilI	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	ALL	747488.42	4035460.7	1.26E-06	70YrCancerDerived_InhSoilI	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	ALL	748388.42	4035460.7	7.31E-07	70YrCancerDerived_InhSoilI	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167	ALL	748488.42	4035460.7	6.44E-07	70YrCancerDerived_InhSoilI	6.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	ALL	748588.42	4035460.7	5.72E-07	70YrCancerDerived_InhSoilI	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	ALL	748688.42	4035460.7	5.12E-07	70YrCancerDerived_InhSoilI	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170	ALL	748788.42	4035460.7	4.62E-07	70YrCancerDerived_InhSoilI	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1171	ALL	748888.42	4035460.7	4.20E-07	70YrCancerDerived_InhSoilI	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172	ALL	746388.42	4035560.7	9.74E-08	70YrCancerDerived_InhSoilI	9.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	ALL	746488.42	4035560.7	1.07E-07	70YrCancerDerived_InhSoilI	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	ALL	746588.42	4035560.7	1.18E-07	70YrCancerDerived_InhSoilI	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1175	ALL	746688.42	4035560.7	1.31E-07	70YrCancerDerived_InhSoilI	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	ALL	746788.42	4035560.7	1.53E-07	70YrCancerDerived_InhSoilI	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177	ALL	746888.42	4035560.7	1.88E-07	70YrCancerDerived_InhSoilI	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	ALL	746988.42	4035560.7	2.43E-07	70YrCancerDerived_InhSoilI	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	ALL	747088.42	4035560.7	3.75E-07	70YrCancerDerived_InhSoilI	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	ALL	747188.42	4035560.7	6.77E-07	70YrCancerDerived_InhSoilI	6.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	ALL	747288.42	4035560.7	1.09E-06	70YrCancerDerived_InhSoilI	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	ALL	747388.42	4035560.7	1.47E-06	70YrCancerDerived_InhSoilI	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183	ALL	747488.42	4035560.7	1.75E-06	70YrCancerDerived_InhSoilI	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	ALL	748388.42	4035560.7	6.90E-07	70YrCancerDerived_InhSoilI	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	ALL	748488.42	4035560.7	6.05E-07	70YrCancerDerived_InhSoilI	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	ALL	748588.42	4035560.7	5.35E-07	70YrCancerDerived_InhSoilI	5.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187	ALL	748688.42	4035560.7	4.79E-07	70YrCancerDerived_InhSoilI	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	ALL	748788.42	4035560.7	4.32E-07	70YrCancerDerived_InhSoilI	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	ALL	748888.42	4035560.7	3.94E-07	70YrCancerDerived_InhSoilI	3.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	ALL	746388.42	4035660.7	1.00E-07	70YrCancerDerived_InhSoilI	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	ALL	746488.42	4035660.7	1.10E-07	70YrCancerDerived_InhSoilI	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	ALL	746588.42	4035660.7	1.24E-07	70YrCancerDerived_InhSoilI	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	ALL	746688.42	4035660.7	1.41E-07	70YrCancerDerived_InhSoilI	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	ALL	746788.42	4035660.7	1.66E-07	70YrCancerDerived_InhSoilI	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	ALL	746888.42	4035660.7	2.06E-07	70YrCancerDerived_InhSoilI	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	ALL	746988.42	4035660.7	2.77E-07	70YrCancerDerived_InhSoilI	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197	ALL	747088.42	4035660.7	4.69E-07	70YrCancerDerived_InhSoilI	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	ALL	747188.42	4035660.7	9.78E-07	70YrCancerDerived_InhSoilI	9.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199	ALL	747288.42	4035660.7	1.67E-06	70YrCancerDerived_InhSoilI	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	ALL	747388.42	4035660.7	2.23E-06	70YrCancerDerived_InhSoilI	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201	ALL	747488.42	4035660.7	2.50E-06	70YrCancerDerived_InhSoilI	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	ALL	748388.42	4035660.7	6.34E-07	70YrCancerDerived_InhSoilI	6.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	ALL	748488.42	4035660.7	5.56E-07	70YrCancerDerived_InhSoilI	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	ALL	748588.42	4035660.7	4.92E-07	70YrCancerDerived_InhSoilI	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	ALL	748688.42	4035660.7	4.41E-07	70YrCancerDerived_InhSoilI	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	ALL	748788.42	4035660.7	3.99E-07	70YrCancerDerived_InhSoilI	3.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	ALL	748888.42	4035660.7	3.64E-07	70YrCancerDerived_InhSoilI	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208	ALL	746388.42	4035760.7	1.05E-07	70YrCancerDerived_InhSoilI	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209	ALL	746488.42	4035760.7	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	ALL	746588.42	4035760.7	1.31E-07	70YrCancerDerived_InhSoilI	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	ALL	746688.42	4035760.7	1.52E-07	70YrCancerDerived_InhSoilI	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212	ALL	746788.42	4035760.7	1.88E-07	70YrCancerDerived_InhSoilI	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	ALL	746888.42	4035760.7	2.36E-07	70YrCancerDerived_InhSoilI	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	ALL	746988.42	4035760.7	3.24E-07	70YrCancerDerived_InhSoilI	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	ALL	747088.42	4035760.7	6.15E-07	70YrCancerDerived_InhSoilI	6.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1216	ALL	747188.42	4035760.7	1.59E-06	70YrCancerDerived_InhSoilI	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217	ALL	747288.42	4035760.7	2.85E-06	70YrCancerDerived_InhSoilI	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218	ALL	747388.42	4035760.7	3.55E-06	70YrCancerDerived_InhSoilI	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219	ALL	747488.42	4035760.7	3.45E-06	70YrCancerDerived_InhSoilI	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1220	ALL	748388.42	4035760.7	5.68E-07	70YrCancerDerived_InhSoilI	5.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221	ALL	748488.42	4035760.7	4.99E-07	70YrCancerDerived_InhSoilI	4.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1222	ALL	748588.42	4035760.7	4.44E-07	70YrCancerDerived_InhSoilI	4.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1223	ALL	748688.42	4035760.7	3.99E-07	70YrCancerDerived_InhSoilI	3.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224	ALL	748788.42	4035760.7	3.63E-07	70YrCancerDerived_InhSoilI	3.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225	ALL	748888.42	4035760.7	3.33E-07	70YrCancerDerived_InhSoilI	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226	ALL	746388.42	4035860.7	1.12E-07	70YrCancerDerived_InhSoilI	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227	ALL	746488.42	4035860.7	1.24E-07	70YrCancerDerived_InhSoilI	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228	ALL	746588.42	4035860.7	1.42E-07	70YrCancerDerived_InhSoilI	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229	ALL	746688.42	4035860.7	1.70E-07	70YrCancerDerived_InhSoilI	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230	ALL	746788.42	4035860.7	2.19E-07	70YrCancerDerived_InhSoilI	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1231	ALL	746888.42	4035860.7	2.93E-07	70YrCancerDerived_InhSoilI	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232	ALL	746988.42	4035860.7	4.07E-07	70YrCancerDerived_InhSoilI	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233	ALL	747088.42	4035860.7	8.56E-07	70YrCancerDerived_InhSoilI	8.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234	ALL	747188.42	4035860.7	3.13E-06	70YrCancerDerived_InhSoilI	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235	ALL	747288.42	4035860.7	5.47E-06	70YrCancerDerived_InhSoilI	5.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236	ALL	747388.42	4035860.7	5.40E-06	70YrCancerDerived_InhSoilI	5.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237	ALL	747488.42	4035860.7	4.07E-06	70YrCancerDerived_InhSoilI	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238	ALL	748388.42	4035860.7	4.93E-07	70YrCancerDerived_InhSoilI	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1239	ALL	748488.42	4035860.7	4.36E-07	70YrCancerDerived_InhSoilI	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240	ALL	748588.42	4035860.7	3.91E-07	70YrCancerDerived_InhSoilI	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241	ALL	748688.42	4035860.7	3.54E-07	70YrCancerDerived_InhSoilI	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242	ALL	748788.42	4035860.7	3.24E-07	70YrCancerDerived_InhSoilI	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243	ALL	748888.42	4035860.7	2.99E-07	70YrCancerDerived_InhSoilI	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244	ALL	746388.42	4035960.7	1.22E-07	70YrCancerDerived_InhSoilI	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245	ALL	746488.42	4035960.7	1.35E-07	70YrCancerDerived_InhSoilI	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246	ALL	746588.42	4035960.7	1.55E-07	70YrCancerDerived_InhSoilI	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1247	ALL	746688.42	4035960.7	1.89E-07	70YrCancerDerived_InhSoilI	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248	ALL	748388.42	4035960.7	4.16E-07	70YrCancerDerived_InhSoilI	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249	ALL	748488.42	4035960.7	3.72E-07	70YrCancerDerived_InhSoilI	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250	ALL	748588.42	4035960.7	3.37E-07	70YrCancerDerived_InhSoilI	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251	ALL	748688.42	4035960.7	3.09E-07	70YrCancerDerived_InhSoilI	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252	ALL	748788.42	4035960.7	2.86E-07	70YrCancerDerived_InhSoilI	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253	ALL	748888.42	4035960.7	2.67E-07	70YrCancerDerived_InhSoilI	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254	ALL	746388.42	4036060.7	1.36E-07	70YrCancerDerived_InhSoilI	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255	ALL	746488.42	4036060.7	1.52E-07	70YrCancerDerived_InhSoilI	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256	ALL	746588.42	4036060.7	1.77E-07	70YrCancerDerived_InhSoilI	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257	ALL	746688.42	4036060.7	2.18E-07	70YrCancerDerived_InhSoilI	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258	ALL	748388.42	4036060.7	3.40E-07	70YrCancerDerived_InhSoilI	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259	ALL	748488.42	4036060.7	3.10E-07	70YrCancerDerived_InhSoilI	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260	ALL	748588.42	4036060.7	2.85E-07	70YrCancerDerived_InhSoilI	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1261	ALL	748688.42	4036060.7	2.65E-07	70YrCancerDerived_InhSoilI	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262	ALL	748788.42	4036060.7	2.49E-07	70YrCancerDerived_InhSoilI	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263	ALL	748888.42	4036060.7	2.35E-07	70YrCancerDerived_InhSoilI	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264	ALL	746388.42	4036160.7	1.59E-07	70YrCancerDerived_InhSoilI	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265	ALL	746488.42	4036160.7	1.82E-07	70YrCancerDerived_InhSoilI	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266	ALL	746588.42	4036160.7	2.18E-07	70YrCancerDerived_InhSoilI	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267	ALL	746688.42	4036160.7	2.80E-07	70YrCancerDerived_InhSoilI	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268	ALL	748388.42	4036160.7	2.72E-07	70YrCancerDerived_InhSoilI	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269	ALL	748488.42	4036160.7	2.54E-07	70YrCancerDerived_InhSoilI	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270	ALL	748588.42	4036160.7	2.39E-07	70YrCancerDerived_InhSoilI	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271	ALL	748688.42	4036160.7	2.26E-07	70YrCancerDerived_InhSoilI	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1272	ALL	748788.42	4036160.7	2.16E-07	70YrCancerDerived_InhSoilI	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1273	ALL	748888.42	4036160.7	2.07E-07	70YrCancerDerived_InhSoilI	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1274	ALL	746388.42	4036260.7	1.89E-07	70YrCancerDerived_InhSoilI	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1275	ALL	746488.42	4036260.7	2.27E-07	70YrCancerDerived_InhSoilI	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1276	ALL	746588.42	4036260.7	2.90E-07	70YrCancerDerived_InhSoilI	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1277	ALL	746688.42	4036260.7	4.04E-07	70YrCancerDerived_InhSoilI	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1278	ALL	748388.42	4036260.7	2.17E-07	70YrCancerDerived_InhSoilI	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1279	ALL	748488.42	4036260.7	2.08E-07	70YrCancerDerived_InhSoilI	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1280	ALL	748588.42	4036260.7	1.99E-07	70YrCancerDerived_InhSoilI	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1281	ALL	748688.42	4036260.7	1.93E-07	70YrCancerDerived_InhSoilI	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1282	ALL	748788.42	4036260.7	1.87E-07	70YrCancerDerived_InhSoilI	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1283	ALL	748888.42	4036260.7	1.83E-07	70YrCancerDerived_InhSoilI	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1284	ALL	745988.42	4036360.7	1.38E-07	70YrCancerDerived_InhSoilI	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1285	ALL	746088.42	4036360.7	1.51E-07	70YrCancerDerived_InhSoilI	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1286	ALL	746188.42	4036360.7	1.70E-07	70YrCancerDerived_InhSoilI	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1287	ALL	746288.42	4036360.7	1.96E-07	70YrCancerDerived_InhSoilI	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1288	ALL	746388.42	4036360.7	2.35E-07	70YrCancerDerived_InhSoilI	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1289	ALL	746488.42	4036360.7	2.95E-07	70YrCancerDerived_InhSoilI	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1290	ALL	746588.42	4036360.7	3.91E-07	70YrCancerDerived_InhSoilI	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1291	ALL	748388.42	4036360.7	1.75E-07	70YrCancerDerived_InhSoilI	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1292	ALL	748488.42	4036360.7	1.71E-07	70YrCancerDerived_InhSoilI	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1293	ALL	748588.42	4036360.7	1.68E-07	70YrCancerDerived_InhSoilI	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1294	ALL	748688.42	4036360.7	1.66E-07	70YrCancerDerived_InhSoilI	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1295	ALL	748788.42	4036360.7	1.63E-07	70YrCancerDerived_InhSoilI	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1296	ALL	748888.42	4036360.7	1.62E-07	70YrCancerDerived_InhSoilI	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1297	ALL	748988.42	4036360.7	1.61E-07	70YrCancerDerived_InhSoilI	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1298	ALL	749088.42	4036360.7	1.60E-07	70YrCancerDerived_InhSoilI	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1299	ALL	749188.42	4036360.7	1.59E-07	70YrCancerDerived_InhSoilI	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300	ALL	749288.42	4036360.7	1.59E-07	70YrCancerDerived_InhSoilI	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1301	ALL	749388.42	4036360.7	1.58E-07	70YrCancerDerived_InhSoilI	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1302	ALL	749488.42	4036360.7	1.58E-07	70YrCancerDerived_InhSoilI	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1303	ALL	749588.42	4036360.7	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1304	ALL	749688.42	4036360.7	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1305	ALL	749788.42	4036360.7	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1306	ALL	749888.42	4036360.7	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1307	ALL	749988.42	4036360.7	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1308	ALL	750088.42	4036360.7	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1309	ALL	750188.42	4036360.7	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1310	ALL	745988.42	4036460.7	1.54E-07	70YrCancerDerived_InhSoilI	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1311	ALL	746088.42	4036460.7	1.74E-07	70YrCancerDerived_InhSoilI	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1312	ALL	746188.42	4036460.7	2.00E-07	70YrCancerDerived_InhSoilI	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1313	ALL	746288.42	4036460.7	2.37E-07	70YrCancerDerived_InhSoilI	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1314	ALL	746388.42	4036460.7	2.88E-07	70YrCancerDerived_InhSoilI	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1315	ALL	746488.42	4036460.7	3.59E-07	70YrCancerDerived_InhSoilI	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1316	ALL	746588.42	4036460.7	4.53E-07	70YrCancerDerived_InhSoilI	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1317	ALL	748388.42	4036460.7	1.46E-07	70YrCancerDerived_InhSoilI	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1318	ALL	748488.42	4036460.7	1.45E-07	70YrCancerDerived_InhSoilI	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1319	ALL	748588.42	4036460.7	1.44E-07	70YrCancerDerived_InhSoilI	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1320	ALL	748688.42	4036460.7	1.44E-07	70YrCancerDerived_InhSoilI	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1321	ALL	748788.42	4036460.7	1.45E-07	70YrCancerDerived_InhSoilI	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1322	ALL	748888.42	4036460.7	1.45E-07	70YrCancerDerived_InhSoilI	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1323	ALL	748988.42	4036460.7	1.46E-07	70YrCancerDerived_InhSoilI	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1324	ALL	749088.42	4036460.7	1.47E-07	70YrCancerDerived_InhSoilI	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1325	ALL	749188.42	4036460.7	1.48E-07	70YrCancerDerived_InhSoilI	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1326	ALL	749288.42	4036460.7	1.49E-07	70YrCancerDerived_InhSoilI	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1327	ALL	749388.42	4036460.7	1.50E-07	70YrCancerDerived_InhSoilI	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1328	ALL	749488.42	4036460.7	1.50E-07	70YrCancerDerived_InhSoilI	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1329	ALL	749588.42	4036460.7	1.51E-07	70YrCancerDerived_InhSoilI	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1330	ALL	749688.42	4036460.7	1.51E-07	70YrCancerDerived_InhSoilI	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331	ALL	749788.42	4036460.7	1.52E-07	70YrCancerDerived_InhSoilI	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1332	ALL	749888.42	4036460.7	1.53E-07	70YrCancerDerived_InhSoilI	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1333	ALL	749988.42	4036460.7	1.54E-07	70YrCancerDerived_InhSoilI	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1334	ALL	750088.42	4036460.7	1.54E-07	70YrCancerDerived_InhSoilI	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1335	ALL	750188.42	4036460.7	1.55E-07	70YrCancerDerived_InhSoilI	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1336	ALL	745988.42	4036560.7	1.75E-07	70YrCancerDerived_InhSoilI	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1337	ALL	746088.42	4036560.7	1.99E-07	70YrCancerDerived_InhSoilI	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1338	ALL	746188.42	4036560.7	2.31E-07	70YrCancerDerived_InhSoilI	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1339	ALL	746288.42	4036560.7	2.72E-07	70YrCancerDerived_InhSoilI	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1340	ALL	746388.42	4036560.7	3.24E-07	70YrCancerDerived_InhSoilI	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1341	ALL	746488.42	4036560.7	3.83E-07	70YrCancerDerived_InhSoilI	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1342	ALL	746588.42	4036560.7	4.32E-07	70YrCancerDerived_InhSoilI	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1343	ALL	748388.42	4036560.7	1.26E-07	70YrCancerDerived_InhSoilI	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1344	ALL	748488.42	4036560.7	1.26E-07	70YrCancerDerived_InhSoilI	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1345	ALL	748588.42	4036560.7	1.28E-07	70YrCancerDerived_InhSoilI	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1346	ALL	748688.42	4036560.7	1.29E-07	70YrCancerDerived_InhSoilI	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1347	ALL	748788.42	4036560.7	1.31E-07	70YrCancerDerived_InhSoilI	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1348	ALL	748888.42	4036560.7	1.33E-07	70YrCancerDerived_InhSoilI	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1349	ALL	748988.42	4036560.7	1.35E-07	70YrCancerDerived_InhSoilI	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1350	ALL	749088.42	4036560.7	1.37E-07	70YrCancerDerived_InhSoilI	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1351	ALL	749188.42	4036560.7	1.39E-07	70YrCancerDerived_InhSoilI	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1352	ALL	749288.42	4036560.7	1.41E-07	70YrCancerDerived_InhSoilI	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1353	ALL	749388.42	4036560.7	1.43E-07	70YrCancerDerived_InhSoilI	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1354	ALL	749488.42	4036560.7	1.44E-07	70YrCancerDerived_InhSoilI	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1355	ALL	749588.42	4036560.7	1.46E-07	70YrCancerDerived_InhSoilI	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1356	ALL	749688.42	4036560.7	1.47E-07	70YrCancerDerived_InhSoilI	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1357	ALL	749788.42	4036560.7	1.49E-07	70YrCancerDerived_InhSoilI	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1358	ALL	749888.42	4036560.7	1.50E-07	70YrCancerDerived_InhSoilI	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1359	ALL	749988.42	4036560.7	1.51E-07	70YrCancerDerived_InhSoilI	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1360	ALL	750088.42	4036560.7	1.53E-07	70YrCancerDerived_InhSoilI	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1361	ALL	750188.42	4036560.7	1.54E-07	70YrCancerDerived_InhSoilI	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1362	ALL	750288.42	4036560.7	1.55E-07	70YrCancerDerived_InhSoilI	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1363	ALL	752388.42	4036560.7	1.54E-07	70YrCancerDerived_InhSoilI	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1364	ALL	752488.42	4036560.7	1.52E-07	70YrCancerDerived_InhSoilI	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1365	ALL	752588.42	4036560.7	1.51E-07	70YrCancerDerived_InhSoilI	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1366	ALL	752688.42	4036560.7	1.50E-07	70YrCancerDerived_InhSoilI	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1367	ALL	752788.42	4036560.7	1.48E-07	70YrCancerDerived_InhSoilI	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1368	ALL	752888.42	4036560.7	1.47E-07	70YrCancerDerived_InhSoilI	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1369	ALL	752988.42	4036560.7	1.45E-07	70YrCancerDerived_InhSoilI	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1370	ALL	753088.42	4036560.7	1.43E-07	70YrCancerDerived_InhSoilI	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1371	ALL	753188.42	4036560.7	1.41E-07	70YrCancerDerived_InhSoilI	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1372	ALL	753288.42	4036560.7	1.39E-07	70YrCancerDerived_InhSoilI	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1373	ALL	753388.42	4036560.7	1.37E-07	70YrCancerDerived_InhSoilI	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1374	ALL	753488.42	4036560.7	1.34E-07	70YrCancerDerived_InhSoilI	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375	ALL	753588.42	4036560.7	1.32E-07	70YrCancerDerived_InhSoilI	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1376	ALL	753688.42	4036560.7	1.30E-07	70YrCancerDerived_InhSoilI	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1377	ALL	753788.42	4036560.7	1.27E-07	70YrCancerDerived_InhSoilI	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1378	ALL	753888.42	4036560.7	1.25E-07	70YrCancerDerived_InhSoilI	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1379	ALL	753988.42	4036560.7	1.22E-07	70YrCancerDerived_InhSoilI	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1380	ALL	754088.42	4036560.7	1.20E-07	70YrCancerDerived_InhSoilI	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1381	ALL	754188.42	4036560.7	1.17E-07	70YrCancerDerived_InhSoilI	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1382	ALL	754288.42	4036560.7	1.15E-07	70YrCancerDerived_InhSoilI	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1383	ALL	754388.42	4036560.7	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1384	ALL	754488.42	4036560.7	1.10E-07	70YrCancerDerived_InhSoilI	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1385	ALL	754588.42	4036560.7	1.08E-07	70YrCancerDerived_InhSoilI	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1386	ALL	754688.42	4036560.7	1.05E-07	70YrCancerDerived_InhSoilI	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1387	ALL	754788.42	4036560.7	1.03E-07	70YrCancerDerived_InhSoilI	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1388	ALL	754888.42	4036560.7	1.01E-07	70YrCancerDerived_InhSoilI	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1389	ALL	754988.42	4036560.7	9.85E-08	70YrCancerDerived_InhSoilI	9.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1390	ALL	755088.42	4036560.7	9.63E-08	70YrCancerDerived_InhSoilI	9.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1391	ALL	755188.42	4036560.7	9.41E-08	70YrCancerDerived_InhSoilI	9.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1392	ALL	755288.42	4036560.7	9.20E-08	70YrCancerDerived_InhSoilI	9.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1393	ALL	748388.42	4036660.7	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1394	ALL	748488.42	4036660.7	1.14E-07	70YrCancerDerived_InhSoilI	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1395	ALL	748588.42	4036660.7	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1396	ALL	748688.42	4036660.7	1.18E-07	70YrCancerDerived_InhSoilI	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1397	ALL	748788.42	4036660.7	1.21E-07	70YrCancerDerived_InhSoilI	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1398	ALL	748888.42	4036660.7	1.24E-07	70YrCancerDerived_InhSoilI	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1399	ALL	748988.42	4036660.7	1.27E-07	70YrCancerDerived_InhSoilI	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400	ALL	749088.42	4036660.7	1.30E-07	70YrCancerDerived_InhSoilI	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1401	ALL	749188.42	4036660.7	1.33E-07	70YrCancerDerived_InhSoilI	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1402	ALL	749288.42	4036660.7	1.35E-07	70YrCancerDerived_InhSoilI	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1403	ALL	749388.42	4036660.7	1.38E-07	70YrCancerDerived_InhSoilI	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1404	ALL	749488.42	4036660.7	1.40E-07	70YrCancerDerived_InhSoilI	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1405	ALL	749588.42	4036660.7	1.42E-07	70YrCancerDerived_InhSoilI	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406	ALL	749688.42	4036660.7	1.44E-07	70YrCancerDerived_InhSoilI	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1407	ALL	749788.42	4036660.7	1.46E-07	70YrCancerDerived_InhSoilI	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1408	ALL	749888.42	4036660.7	1.48E-07	70YrCancerDerived_InhSoilI	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1409	ALL	749988.42	4036660.7	1.50E-07	70YrCancerDerived_InhSoilI	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1410	ALL	750088.42	4036660.7	1.52E-07	70YrCancerDerived_InhSoilI	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1411	ALL	750188.42	4036660.7	1.54E-07	70YrCancerDerived_InhSoilI	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1412	ALL	750288.42	4036660.7	1.55E-07	70YrCancerDerived_InhSoilI	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1413	ALL	752388.42	4036660.7	1.56E-07	70YrCancerDerived_InhSoilI	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1414	ALL	752488.42	4036660.7	1.55E-07	70YrCancerDerived_InhSoilI	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1415	ALL	752588.42	4036660.7	1.53E-07	70YrCancerDerived_InhSoilI	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1416	ALL	752688.42	4036660.7	1.52E-07	70YrCancerDerived_InhSoilI	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1417	ALL	752788.42	4036660.7	1.50E-07	70YrCancerDerived_InhSoilI	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1418	ALL	752888.42	4036660.7	1.48E-07	70YrCancerDerived_InhSoilI	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1419	ALL	752988.42	4036660.7	1.46E-07	70YrCancerDerived_InhSoilI	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1420	ALL	753088.42	4036660.7	1.44E-07	70YrCancerDerived_InhSoilI	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1421	ALL	753188.42	4036660.7	1.42E-07	70YrCancerDerived_InhSoilI	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1422	ALL	753288.42	4036660.7	1.39E-07	70YrCancerDerived_InhSoilI	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1423	ALL	753388.42	4036660.7	1.37E-07	70YrCancerDerived_InhSoilI	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1424	ALL	753488.42	4036660.7	1.35E-07	70YrCancerDerived_InhSoilI	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1425	ALL	753588.42	4036660.7	1.32E-07	70YrCancerDerived_InhSoilI	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1426	ALL	753688.42	4036660.7	1.30E-07	70YrCancerDerived_InhSoilI	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1427	ALL	753788.42	4036660.7	1.27E-07	70YrCancerDerived_InhSoilI	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1428	ALL	753888.42	4036660.7	1.25E-07	70YrCancerDerived_InhSoilI	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1429	ALL	753988.42	4036660.7	1.22E-07	70YrCancerDerived_InhSoilI	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1430	ALL	754088.42	4036660.7	1.19E-07	70YrCancerDerived_InhSoilI	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1431	ALL	754188.42	4036660.7	1.17E-07	70YrCancerDerived_InhSoilI	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1432	ALL	754288.42	4036660.7	1.14E-07	70YrCancerDerived_InhSoilI	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1433	ALL	754388.42	4036660.7	1.12E-07	70YrCancerDerived_InhSoilI	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1434	ALL	754488.42	4036660.7	1.09E-07	70YrCancerDerived_InhSoilI	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1435	ALL	754588.42	4036660.7	1.07E-07	70YrCancerDerived_InhSoilI	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1436	ALL	754688.42	4036660.7	1.04E-07	70YrCancerDerived_InhSoilI	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1437	ALL	754788.42	4036660.7	1.02E-07	70YrCancerDerived_InhSoilI	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1438	ALL	754888.42	4036660.7	9.95E-08	70YrCancerDerived_InhSoilI	9.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1439	ALL	754988.42	4036660.7	9.73E-08	70YrCancerDerived_InhSoilI	9.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1440	ALL	755088.42	4036660.7	9.51E-08	70YrCancerDerived_InhSoilI	9.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1441	ALL	755188.42	4036660.7	9.29E-08	70YrCancerDerived_InhSoilI	9.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1442	ALL	755288.42	4036660.7	9.08E-08	70YrCancerDerived_InhSoilI	9.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1443	ALL	745988.42	4036760.7	2.08E-07	70YrCancerDerived_InhSoilI	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1444	ALL	746088.42	4036760.7	2.33E-07	70YrCancerDerived_InhSoilI	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1445	ALL	746188.42	4036760.7	2.60E-07	70YrCancerDerived_InhSoilI	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1446	ALL	746288.42	4036760.7	2.86E-07	70YrCancerDerived_InhSoilI	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1447	ALL	746388.42	4036760.7	3.01E-07	70YrCancerDerived_InhSoilI	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1448	ALL	746488.42	4036760.7	2.98E-07	70YrCancerDerived_InhSoilI	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1449	ALL	746588.42	4036760.7	2.73E-07	70YrCancerDerived_InhSoilI	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1450	ALL	749888.42	4036760.7	1.48E-07	70YrCancerDerived_InhSoilI	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1451	ALL	749988.42	4036760.7	1.50E-07	70YrCancerDerived_InhSoilI	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1452	ALL	750088.42	4036760.7	1.52E-07	70YrCancerDerived_InhSoilI	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1453	ALL	750188.42	4036760.7	1.54E-07	70YrCancerDerived_InhSoilI	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1454	ALL	750288.42	4036760.7	1.56E-07	70YrCancerDerived_InhSoilI	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1455	ALL	752388.42	4036760.7	1.58E-07	70YrCancerDerived_InhSoilI	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1456	ALL	752488.42	4036760.7	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1457	ALL	752588.42	4036760.7	1.55E-07	70YrCancerDerived_InhSoilI	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1458	ALL	752688.42	4036760.7	1.53E-07	70YrCancerDerived_InhSoilI	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1459	ALL	752788.42	4036760.7	1.51E-07	70YrCancerDerived_InhSoilI	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1460	ALL	752888.42	4036760.7	1.49E-07	70YrCancerDerived_InhSoilI	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1461	ALL	752988.42	4036760.7	1.47E-07	70YrCancerDerived_InhSoilI	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1462	ALL	753088.42	4036760.7	1.45E-07	70YrCancerDerived_InhSoilI	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1463	ALL	753188.42	4036760.7	1.42E-07	70YrCancerDerived_InhSoilI	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1464	ALL	753288.42	4036760.7	1.40E-07	70YrCancerDerived_InhSoilI	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1465	ALL	753388.42	4036760.7	1.37E-07	70YrCancerDerived_InhSoilI	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1466	ALL	753488.42	4036760.7	1.35E-07	70YrCancerDerived_InhSoilI	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1467	ALL	753588.42	4036760.7	1.32E-07	70YrCancerDerived_InhSoilI	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1468	ALL	753688.42	4036760.7	1.29E-07	70YrCancerDerived_InhSoilI	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1469	ALL	753788.42	4036760.7	1.27E-07	70YrCancerDerived_InhSoilI	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1470	ALL	753888.42	4036760.7	1.24E-07	70YrCancerDerived_InhSoilI	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1471	ALL	753988.42	4036760.7	1.21E-07	70YrCancerDerived_InhSoilI	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1472	ALL	754088.42	4036760.7	1.19E-07	70YrCancerDerived_InhSoilI	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1473	ALL	754188.42	4036760.7	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1474	ALL	754288.42	4036760.7	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1475	ALL	754388.42	4036760.7	1.11E-07	70YrCancerDerived_InhSoilI	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1476	ALL	754488.42	4036760.7	1.08E-07	70YrCancerDerived_InhSoilI	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1477	ALL	754588.42	4036760.7	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1478	ALL	754688.42	4036760.7	1.03E-07	70YrCancerDerived_InhSoilI	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1479	ALL	754788.42	4036760.7	1.01E-07	70YrCancerDerived_InhSoilI	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1480	ALL	754888.42	4036760.7	9.83E-08	70YrCancerDerived_InhSoilI	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1481	ALL	754988.42	4036760.7	9.60E-08	70YrCancerDerived_InhSoilI	9.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1482	ALL	755088.42	4036760.7	9.38E-08	70YrCancerDerived_InhSoilI	9.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1483	ALL	755188.42	4036760.7	9.16E-08	70YrCancerDerived_InhSoilI	9.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1484	ALL	755288.42	4036760.7	8.95E-08	70YrCancerDerived_InhSoilI	8.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1485	ALL	745988.42	4036860.7	2.14E-07	70YrCancerDerived_InhSoilI	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1486	ALL	746088.42	4036860.7	2.34E-07	70YrCancerDerived_InhSoilI	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1487	ALL	746188.42	4036860.7	2.52E-07	70YrCancerDerived_InhSoilI	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1488	ALL	746288.42	4036860.7	2.61E-07	70YrCancerDerived_InhSoilI	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1489	ALL	746388.42	4036860.7	2.57E-07	70YrCancerDerived_InhSoilI	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1490	ALL	746488.42	4036860.7	2.40E-07	70YrCancerDerived_InhSoilI	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1491	ALL	746588.42	4036860.7	2.13E-07	70YrCancerDerived_InhSoilI	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1492	ALL	747488.42	4036860.7	1.01E-07	70YrCancerDerived_InhSoilI	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1493	ALL	747588.42	4036860.7	9.71E-08	70YrCancerDerived_InhSoilI	9.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1494	ALL	747688.42	4036860.7	9.51E-08	70YrCancerDerived_InhSoilI	9.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1495	ALL	747788.42	4036860.7	9.43E-08	70YrCancerDerived_InhSoilI	9.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1496	ALL	747888.42	4036860.7	9.39E-08	70YrCancerDerived_InhSoilI	9.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1497	ALL	747988.42	4036860.7	9.39E-08	70YrCancerDerived_InhSoilI	9.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1498	ALL	748088.42	4036860.7	9.44E-08	70YrCancerDerived_InhSoilI	9.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1499	ALL	748188.42	4036860.7	9.51E-08	70YrCancerDerived_InhSoilI	9.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500	ALL	749988.42	4036860.7	1.51E-07	70YrCancerDerived_InhSoilI	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1501	ALL	750088.42	4036860.7	1.53E-07	70YrCancerDerived_InhSoilI	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1502	ALL	750188.42	4036860.7	1.56E-07	70YrCancerDerived_InhSoilI	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1503	ALL	750288.42	4036860.7	1.58E-07	70YrCancerDerived_InhSoilI	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1504	ALL	752388.42	4036860.7	1.61E-07	70YrCancerDerived_InhSoilI	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1505	ALL	752488.42	4036860.7	1.59E-07	70YrCancerDerived_InhSoilI	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1506	ALL	752588.42	4036860.7	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1507	ALL	752688.42	4036860.7	1.55E-07	70YrCancerDerived_InhSoilI	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1508	ALL	752788.42	4036860.7	1.53E-07	70YrCancerDerived_InhSoilI	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1509	ALL	752888.42	4036860.7	1.51E-07	70YrCancerDerived_InhSoilI	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1510	ALL	752988.42	4036860.7	1.48E-07	70YrCancerDerived_InhSoilI	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1511	ALL	753088.42	4036860.7	1.46E-07	70YrCancerDerived_InhSoilI	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1512	ALL	753188.42	4036860.7	1.43E-07	70YrCancerDerived_InhSoilI	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1513	ALL	753288.42	4036860.7	1.40E-07	70YrCancerDerived_InhSoilI	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1514	ALL	753388.42	4036860.7	1.38E-07	70YrCancerDerived_InhSoilI	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1515	ALL	753488.42	4036860.7	1.35E-07	70YrCancerDerived_InhSoilI	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1516	ALL	753588.42	4036860.7	1.32E-07	70YrCancerDerived_InhSoilI	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1517	ALL	753688.42	4036860.7	1.29E-07	70YrCancerDerived_InhSoilI	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1518	ALL	753788.42	4036860.7	1.26E-07	70YrCancerDerived_InhSoilI	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1519	ALL	753888.42	4036860.7	1.23E-07	70YrCancerDerived_InhSoilI	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1520	ALL	753988.42	4036860.7	1.20E-07	70YrCancerDerived_InhSoilI	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1521	ALL	754088.42	4036860.7	1.18E-07	70YrCancerDerived_InhSoilI	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1522	ALL	754188.42	4036860.7	1.15E-07	70YrCancerDerived_InhSoilI	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1523	ALL	754288.42	4036860.7	1.12E-07	70YrCancerDerived_InhSoilI	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1524	ALL	754388.42	4036860.7	1.09E-07	70YrCancerDerived_InhSoilI	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1525	ALL	754488.42	4036860.7	1.07E-07	70YrCancerDerived_InhSoilI	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1526	ALL	754588.42	4036860.7	1.04E-07	70YrCancerDerived_InhSoilI	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1527	ALL	754688.42	4036860.7	1.02E-07	70YrCancerDerived_InhSoilI	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1528	ALL	754788.42	4036860.7	9.93E-08	70YrCancerDerived_InhSoilI	9.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1529	ALL	754888.42	4036860.7	9.69E-08	70YrCancerDerived_InhSoilI	9.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1530	ALL	754988.42	4036860.7	9.46E-08	70YrCancerDerived_InhSoilI	9.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1531	ALL	755088.42	4036860.7	9.24E-08	70YrCancerDerived_InhSoilI	9.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1532	ALL	755188.42	4036860.7	9.03E-08	70YrCancerDerived_InhSoilI	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1533	ALL	755288.42	4036860.7	8.82E-08	70YrCancerDerived_InhSoilI	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1534	ALL	746388.42	4036960.7	2.14E-07	70YrCancerDerived_InhSoilI	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1535	ALL	746488.42	4036960.7	1.94E-07	70YrCancerDerived_InhSoilI	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1536	ALL	746588.42	4036960.7	1.72E-07	70YrCancerDerived_InhSoilI	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1537	ALL	747488.42	4036960.7	9.45E-08	70YrCancerDerived_InhSoilI	9.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1538	ALL	747588.42	4036960.7	9.14E-08	70YrCancerDerived_InhSoilI	9.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1539	ALL	747688.42	4036960.7	8.95E-08	70YrCancerDerived_InhSoilI	8.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1540	ALL	747788.42	4036960.7	8.87E-08	70YrCancerDerived_InhSoilI	8.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1541	ALL	747888.42	4036960.7	8.84E-08	70YrCancerDerived_InhSoilI	8.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1542	ALL	747988.42	4036960.7	8.84E-08	70YrCancerDerived_InhSoilI	8.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1543	ALL	748088.42	4036960.7	8.87E-08	70YrCancerDerived_InhSoilI	8.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1544	ALL	748188.42	4036960.7	8.95E-08	70YrCancerDerived_InhSoilI	8.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1545	ALL	749988.42	4036960.7	1.53E-07	70YrCancerDerived_InhSoilI	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1546	ALL	750088.42	4036960.7	1.56E-07	70YrCancerDerived_InhSoilI	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1547	ALL	750188.42	4036960.7	1.58E-07	70YrCancerDerived_InhSoilI	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1548	ALL	750288.42	4036960.7	1.60E-07	70YrCancerDerived_InhSoilI	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1549	ALL	752388.42	4036960.7	1.63E-07	70YrCancerDerived_InhSoilI	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1550	ALL	752488.42	4036960.7	1.61E-07	70YrCancerDerived_InhSoilI	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1551	ALL	752588.42	4036960.7	1.59E-07	70YrCancerDerived_InhSoilI	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1552	ALL	752688.42	4036960.7	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1553	ALL	752788.42	4036960.7	1.54E-07	70YrCancerDerived_InhSoilI	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1554	ALL	754888.42	4036960.7	9.55E-08	70YrCancerDerived_InhSoilI	9.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1555	ALL	754988.42	4036960.7	9.32E-08	70YrCancerDerived_InhSoilI	9.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1556	ALL	755088.42	4036960.7	9.09E-08	70YrCancerDerived_InhSoilI	9.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1557	ALL	755188.42	4036960.7	8.88E-08	70YrCancerDerived_InhSoilI	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1558	ALL	755288.42	4036960.7	8.67E-08	70YrCancerDerived_InhSoilI	8.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1559	ALL	746388.42	4037060.7	1.78E-07	70YrCancerDerived_InhSoilI	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1560	ALL	746488.42	4037060.7	1.61E-07	70YrCancerDerived_InhSoilI	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1561	ALL	746588.42	4037060.7	1.45E-07	70YrCancerDerived_InhSoilI	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1562	ALL	747488.42	4037060.7	8.96E-08	70YrCancerDerived_InhSoilI	8.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1563	ALL	747588.42	4037060.7	8.73E-08	70YrCancerDerived_InhSoilI	8.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1564	ALL	747688.42	4037060.7	8.55E-08	70YrCancerDerived_InhSoilI	8.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1565	ALL	747788.42	4037060.7	8.46E-08	70YrCancerDerived_InhSoilI	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1566	ALL	747888.42	4037060.7	8.44E-08	70YrCancerDerived_InhSoilI	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1567	ALL	747988.42	4037060.7	8.43E-08	70YrCancerDerived_InhSoilI	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1568	ALL	748088.42	4037060.7	8.45E-08	70YrCancerDerived_InhSoilI	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1569	ALL	748188.42	4037060.7	8.51E-08	70YrCancerDerived_InhSoilI	8.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1570	ALL	749988.42	4037060.7	1.56E-07	70YrCancerDerived_InhSoilI	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1571	ALL	750088.42	4037060.7	1.59E-07	70YrCancerDerived_InhSoilI	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1572	ALL	750188.42	4037060.7	1.62E-07	70YrCancerDerived_InhSoilI	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1573	ALL	750288.42	4037060.7	1.64E-07	70YrCancerDerived_InhSoilI	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1574	ALL	752388.42	4037060.7	1.66E-07	70YrCancerDerived_InhSoilI	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1575	ALL	752488.42	4037060.7	1.64E-07	70YrCancerDerived_InhSoilI	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1576	ALL	752588.42	4037060.7	1.61E-07	70YrCancerDerived_InhSoilI	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1577	ALL	752688.42	4037060.7	1.58E-07	70YrCancerDerived_InhSoilI	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1578	ALL	752788.42	4037060.7	1.56E-07	70YrCancerDerived_InhSoilI	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1579	ALL	754888.42	4037060.7	9.40E-08	70YrCancerDerived_InhSoilI	9.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1580	ALL	754988.42	4037060.7	9.17E-08	70YrCancerDerived_InhSoilI	9.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1581	ALL	755088.42	4037060.7	8.95E-08	70YrCancerDerived_InhSoilI	8.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1582	ALL	755188.42	4037060.7	8.74E-08	70YrCancerDerived_InhSoilI	8.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1583	ALL	755288.42	4037060.7	8.54E-08	70YrCancerDerived_InhSoilI	8.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1584	ALL	746388.42	4037160.7	1.51E-07	70YrCancerDerived_InhSoilI	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1585	ALL	746488.42	4037160.7	1.38E-07	70YrCancerDerived_InhSoilI	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1586	ALL	746588.42	4037160.7	1.26E-07	70YrCancerDerived_InhSoilI	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1587	ALL	747488.42	4037160.7	8.58E-08	70YrCancerDerived_InhSoilI	8.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1588	ALL	747588.42	4037160.7	8.42E-08	70YrCancerDerived_InhSoilI	8.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1589	ALL	747688.42	4037160.7	8.26E-08	70YrCancerDerived_InhSoilI	8.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1590	ALL	747788.42	4037160.7	8.17E-08	70YrCancerDerived_InhSoilI	8.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1591	ALL	747888.42	4037160.7	8.14E-08	70YrCancerDerived_InhSoilI	8.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1592	ALL	747988.42	4037160.7	8.14E-08	70YrCancerDerived_InhSoilI	8.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1593	ALL	748088.42	4037160.7	8.15E-08	70YrCancerDerived_InhSoilI	8.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1594	ALL	748188.42	4037160.7	8.19E-08	70YrCancerDerived_InhSoilI	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1595	ALL	749988.42	4037160.7	1.60E-07	70YrCancerDerived_InhSoilI	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1596	ALL	750088.42	4037160.7	1.64E-07	70YrCancerDerived_InhSoilI	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1597	ALL	750188.42	4037160.7	1.66E-07	70YrCancerDerived_InhSoilI	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1598	ALL	750288.42	4037160.7	1.69E-07	70YrCancerDerived_InhSoilI	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1599	ALL	752388.42	4037160.7	1.68E-07	70YrCancerDerived_InhSoilI	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600	ALL	752488.42	4037160.7	1.66E-07	70YrCancerDerived_InhSoilI	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1601	ALL	752588.42	4037160.7	1.63E-07	70YrCancerDerived_InhSoilI	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1602	ALL	752688.42	4037160.7	1.60E-07	70YrCancerDerived_InhSoilI	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1603	ALL	752788.42	4037160.7	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1604	ALL	754888.42	4037160.7	9.25E-08	70YrCancerDerived_InhSoilI	9.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1605	ALL	754988.42	4037160.7	9.02E-08	70YrCancerDerived_InhSoilI	9.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1606	ALL	755088.42	4037160.7	8.81E-08	70YrCancerDerived_InhSoilI	8.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1607	ALL	755188.42	4037160.7	8.60E-08	70YrCancerDerived_InhSoilI	8.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1608	ALL	755288.42	4037160.7	8.41E-08	70YrCancerDerived_InhSoilI	8.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1609	ALL	746388.42	4037260.7	1.31E-07	70YrCancerDerived_InhSoilI	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1610	ALL	746488.42	4037260.7	1.21E-07	70YrCancerDerived_InhSoilI	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1611	ALL	746588.42	4037260.7	1.14E-07	70YrCancerDerived_InhSoilI	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1612	ALL	747488.42	4037260.7	8.26E-08	70YrCancerDerived_InhSoilI	8.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1613	ALL	747588.42	4037260.7	8.17E-08	70YrCancerDerived_InhSoilI	8.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1614	ALL	747688.42	4037260.7	8.05E-08	70YrCancerDerived_InhSoilI	8.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1615	ALL	747788.42	4037260.7	7.97E-08	70YrCancerDerived_InhSoilI	7.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1616	ALL	747888.42	4037260.7	7.93E-08	70YrCancerDerived_InhSoilI	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1617	ALL	747988.42	4037260.7	7.92E-08	70YrCancerDerived_InhSoilI	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1618	ALL	748088.42	4037260.7	7.93E-08	70YrCancerDerived_InhSoilI	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1619	ALL	748188.42	4037260.7	7.96E-08	70YrCancerDerived_InhSoilI	7.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1620	ALL	749988.42	4037260.7	1.66E-07	70YrCancerDerived_InhSoilI	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1621	ALL	750088.42	4037260.7	1.69E-07	70YrCancerDerived_InhSoilI	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1622	ALL	750188.42	4037260.7	1.72E-07	70YrCancerDerived_InhSoilI	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1623	ALL	750288.42	4037260.7	1.74E-07	70YrCancerDerived_InhSoilI	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1624	ALL	752388.42	4037260.7	1.71E-07	70YrCancerDerived_InhSoilI	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1625	ALL	752488.42	4037260.7	1.67E-07	70YrCancerDerived_InhSoilI	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1626	ALL	752588.42	4037260.7	1.64E-07	70YrCancerDerived_InhSoilI	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1627	ALL	752688.42	4037260.7	1.61E-07	70YrCancerDerived_InhSoilI	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1628	ALL	752788.42	4037260.7	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1629	ALL	754888.42	4037260.7	9.10E-08	70YrCancerDerived_InhSoilI	9.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1630	ALL	754988.42	4037260.7	8.88E-08	70YrCancerDerived_InhSoilI	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1631	ALL	755088.42	4037260.7	8.67E-08	70YrCancerDerived_InhSoilI	8.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1632	ALL	755188.42	4037260.7	8.47E-08	70YrCancerDerived_InhSoilI	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1633	ALL	755288.42	4037260.7	8.27E-08	70YrCancerDerived_InhSoilI	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1634	ALL	746388.42	4037360.7	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1635	ALL	746488.42	4037360.7	1.09E-07	70YrCancerDerived_InhSoilI	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1636	ALL	746588.42	4037360.7	1.04E-07	70YrCancerDerived_InhSoilI	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1637	ALL	747488.42	4037360.7	7.99E-08	70YrCancerDerived_InhSoilI	7.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1638	ALL	747588.42	4037360.7	7.97E-08	70YrCancerDerived_InhSoilI	7.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1639	ALL	747688.42	4037360.7	7.90E-08	70YrCancerDerived_InhSoilI	7.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1640	ALL	747788.42	4037360.7	7.83E-08	70YrCancerDerived_InhSoilI	7.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1641	ALL	747888.42	4037360.7	7.78E-08	70YrCancerDerived_InhSoilI	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1642	ALL	747988.42	4037360.7	7.77E-08	70YrCancerDerived_InhSoilI	7.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1643	ALL	748088.42	4037360.7	7.77E-08	70YrCancerDerived_InhSoilI	7.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1644	ALL	748188.42	4037360.7	7.80E-08	70YrCancerDerived_InhSoilI	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1645	ALL	749888.42	4037360.7	1.68E-07	70YrCancerDerived_InhSoilI	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1646	ALL	749988.42	4037360.7	1.72E-07	70YrCancerDerived_InhSoilI	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1647	ALL	750088.42	4037360.7	1.75E-07	70YrCancerDerived_InhSoilI	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1648	ALL	750188.42	4037360.7	1.78E-07	70YrCancerDerived_InhSoilI	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1649	ALL	750288.42	4037360.7	1.81E-07	70YrCancerDerived_InhSoilI	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1650	ALL	752388.42	4037360.7	1.72E-07	70YrCancerDerived_InhSoilI	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1651	ALL	752488.42	4037360.7	1.69E-07	70YrCancerDerived_InhSoilI	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1652	ALL	752588.42	4037360.7	1.65E-07	70YrCancerDerived_InhSoilI	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1653	ALL	752688.42	4037360.7	1.61E-07	70YrCancerDerived_InhSoilI	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1654	ALL	752788.42	4037360.7	1.58E-07	70YrCancerDerived_InhSoilI	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1655	ALL	754888.42	4037360.7	8.95E-08	70YrCancerDerived_InhSoilI	8.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1656	ALL	754988.42	4037360.7	8.73E-08	70YrCancerDerived_InhSoilI	8.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1657	ALL	755088.42	4037360.7	8.53E-08	70YrCancerDerived_InhSoilI	8.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1658	ALL	755188.42	4037360.7	8.33E-08	70YrCancerDerived_InhSoilI	8.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1659	ALL	755288.42	4037360.7	8.14E-08	70YrCancerDerived_InhSoilI	8.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1660	ALL	746388.42	4037460.7	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1661	ALL	746488.42	4037460.7	1.01E-07	70YrCancerDerived_InhSoilI	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1662	ALL	746588.42	4037460.7	9.75E-08	70YrCancerDerived_InhSoilI	9.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1663	ALL	747488.42	4037460.7	7.76E-08	70YrCancerDerived_InhSoilI	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1664	ALL	747588.42	4037460.7	7.81E-08	70YrCancerDerived_InhSoilI	7.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1665	ALL	747688.42	4037460.7	7.79E-08	70YrCancerDerived_InhSoilI	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1666	ALL	747788.42	4037460.7	7.74E-08	70YrCancerDerived_InhSoilI	7.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1667	ALL	747888.42	4037460.7	7.70E-08	70YrCancerDerived_InhSoilI	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1668	ALL	747988.42	4037460.7	7.67E-08	70YrCancerDerived_InhSoilI	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1669	ALL	748088.42	4037460.7	7.66E-08	70YrCancerDerived_InhSoilI	7.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1670	ALL	748188.42	4037460.7	7.70E-08	70YrCancerDerived_InhSoilI	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1671	ALL	749888.42	4037460.7	1.75E-07	70YrCancerDerived_InhSoilI	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1672	ALL	749988.42	4037460.7	1.79E-07	70YrCancerDerived_InhSoilI	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1673	ALL	750088.42	4037460.7	1.83E-07	70YrCancerDerived_InhSoilI	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1674	ALL	750188.42	4037460.7	1.86E-07	70YrCancerDerived_InhSoilI	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1675	ALL	750288.42	4037460.7	1.89E-07	70YrCancerDerived_InhSoilI	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1676	ALL	752388.42	4037460.7	1.74E-07	70YrCancerDerived_InhSoilI	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1677	ALL	752488.42	4037460.7	1.70E-07	70YrCancerDerived_InhSoilI	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1678	ALL	752588.42	4037460.7	1.66E-07	70YrCancerDerived_InhSoilI	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1679	ALL	752688.42	4037460.7	1.62E-07	70YrCancerDerived_InhSoilI	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1680	ALL	752788.42	4037460.7	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1681	ALL	754888.42	4037460.7	8.80E-08	70YrCancerDerived_InhSoilI	8.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1682	ALL	754988.42	4037460.7	8.59E-08	70YrCancerDerived_InhSoilI	8.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1683	ALL	755088.42	4037460.7	8.39E-08	70YrCancerDerived_InhSoilI	8.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1684	ALL	755188.42	4037460.7	8.19E-08	70YrCancerDerived_InhSoilI	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1685	ALL	755288.42	4037460.7	8.01E-08	70YrCancerDerived_InhSoilI	8.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1686	ALL	746388.42	4037560.7	9.79E-08	70YrCancerDerived_InhSoilI	9.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1687	ALL	746488.42	4037560.7	9.48E-08	70YrCancerDerived_InhSoilI	9.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1688	ALL	746588.42	4037560.7	9.26E-08	70YrCancerDerived_InhSoilI	9.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1689	ALL	747488.42	4037560.7	7.56E-08	70YrCancerDerived_InhSoilI	7.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1690	ALL	747588.42	4037560.7	7.66E-08	70YrCancerDerived_InhSoilI	7.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1691	ALL	747688.42	4037560.7	7.70E-08	70YrCancerDerived_InhSoilI	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1692	ALL	747788.42	4037560.7	7.68E-08	70YrCancerDerived_InhSoilI	7.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1693	ALL	747888.42	4037560.7	7.65E-08	70YrCancerDerived_InhSoilI	7.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1694	ALL	747988.42	4037560.7	7.62E-08	70YrCancerDerived_InhSoilI	7.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1695	ALL	748088.42	4037560.7	7.61E-08	70YrCancerDerived_InhSoilI	7.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1696	ALL	748188.42	4037560.7	7.64E-08	70YrCancerDerived_InhSoilI	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1697	ALL	749888.42	4037560.7	1.83E-07	70YrCancerDerived_InhSoilI	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1698	ALL	749988.42	4037560.7	1.87E-07	70YrCancerDerived_InhSoilI	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1699	ALL	750088.42	4037560.7	1.91E-07	70YrCancerDerived_InhSoilI	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700	ALL	750188.42	4037560.7	1.95E-07	70YrCancerDerived_InhSoilI	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1701	ALL	750288.42	4037560.7	1.98E-07	70YrCancerDerived_InhSoilI	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1702	ALL	752388.42	4037560.7	1.75E-07	70YrCancerDerived_InhSoilI	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1703	ALL	752488.42	4037560.7	1.71E-07	70YrCancerDerived_InhSoilI	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1704	ALL	752588.42	4037560.7	1.66E-07	70YrCancerDerived_InhSoilI	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1705	ALL	752688.42	4037560.7	1.62E-07	70YrCancerDerived_InhSoilI	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1706	ALL	752788.42	4037560.7	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1707	ALL	754888.42	4037560.7	8.66E-08	70YrCancerDerived_InhSoilI	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1708	ALL	754988.42	4037560.7	8.45E-08	70YrCancerDerived_InhSoilI	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1709	ALL	755088.42	4037560.7	8.25E-08	70YrCancerDerived_InhSoilI	8.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1710	ALL	755188.42	4037560.7	8.06E-08	70YrCancerDerived_InhSoilI	8.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1711	ALL	755288.42	4037560.7	7.88E-08	70YrCancerDerived_InhSoilI	7.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1712	ALL	746388.42	4037660.7	9.21E-08	70YrCancerDerived_InhSoilI	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1713	ALL	746488.42	4037660.7	9.00E-08	70YrCancerDerived_InhSoilI	9.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1714	ALL	746588.42	4037660.7	8.85E-08	70YrCancerDerived_InhSoilI	8.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1715	ALL	747488.42	4037660.7	7.38E-08	70YrCancerDerived_InhSoilI	7.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1716	ALL	747588.42	4037660.7	7.52E-08	70YrCancerDerived_InhSoilI	7.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1717	ALL	747688.42	4037660.7	7.62E-08	70YrCancerDerived_InhSoilI	7.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1718	ALL	747788.42	4037660.7	7.65E-08	70YrCancerDerived_InhSoilI	7.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1719	ALL	747888.42	4037660.7	7.64E-08	70YrCancerDerived_InhSoilI	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1720	ALL	747988.42	4037660.7	7.61E-08	70YrCancerDerived_InhSoilI	7.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1721	ALL	748088.42	4037660.7	7.60E-08	70YrCancerDerived_InhSoilI	7.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1722	ALL	748188.42	4037660.7	7.62E-08	70YrCancerDerived_InhSoilI	7.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1723	ALL	749888.42	4037660.7	1.93E-07	70YrCancerDerived_InhSoilI	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1724	ALL	749988.42	4037660.7	1.97E-07	70YrCancerDerived_InhSoilI	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1725	ALL	750088.42	4037660.7	2.01E-07	70YrCancerDerived_InhSoilI	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1726	ALL	750188.42	4037660.7	2.05E-07	70YrCancerDerived_InhSoilI	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1727	ALL	750288.42	4037660.7	2.08E-07	70YrCancerDerived_InhSoilI	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1728	ALL	752388.42	4037660.7	1.76E-07	70YrCancerDerived_InhSoilI	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1729	ALL	752488.42	4037660.7	1.71E-07	70YrCancerDerived_InhSoilI	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1730	ALL	752588.42	4037660.7	1.66E-07	70YrCancerDerived_InhSoilI	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1731	ALL	752688.42	4037660.7	1.61E-07	70YrCancerDerived_InhSoilI	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1732	ALL	752788.42	4037660.7	1.56E-07	70YrCancerDerived_InhSoilI	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1733	ALL	754888.42	4037660.7	8.51E-08	70YrCancerDerived_InhSoilI	8.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1734	ALL	754988.42	4037660.7	8.31E-08	70YrCancerDerived_InhSoilI	8.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1735	ALL	755088.42	4037660.7	8.12E-08	70YrCancerDerived_InhSoilI	8.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1736	ALL	755188.42	4037660.7	7.93E-08	70YrCancerDerived_InhSoilI	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1737	ALL	755288.42	4037660.7	7.75E-08	70YrCancerDerived_InhSoilI	7.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1738	ALL	746388.42	4037760.7	8.77E-08	70YrCancerDerived_InhSoilI	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1739	ALL	746488.42	4037760.7	8.64E-08	70YrCancerDerived_InhSoilI	8.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1740	ALL	746588.42	4037760.7	8.54E-08	70YrCancerDerived_InhSoilI	8.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1741	ALL	746688.42	4037760.7	8.43E-08	70YrCancerDerived_InhSoilI	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1742	ALL	746788.42	4037760.7	8.24E-08	70YrCancerDerived_InhSoilI	8.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1743	ALL	746888.42	4037760.7	8.00E-08	70YrCancerDerived_InhSoilI	8.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1744	ALL	746988.42	4037760.7	7.73E-08	70YrCancerDerived_InhSoilI	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1745	ALL	747488.42	4037760.7	7.23E-08	70YrCancerDerived_InhSoilI	7.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1746	ALL	747588.42	4037760.7	7.40E-08	70YrCancerDerived_InhSoilI	7.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1747	ALL	747688.42	4037760.7	7.55E-08	70YrCancerDerived_InhSoilI	7.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1748	ALL	747788.42	4037760.7	7.63E-08	70YrCancerDerived_InhSoilI	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1749	ALL	747888.42	4037760.7	7.65E-08	70YrCancerDerived_InhSoilI	7.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1750	ALL	747988.42	4037760.7	7.64E-08	70YrCancerDerived_InhSoilI	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1751	ALL	748088.42	4037760.7	7.63E-08	70YrCancerDerived_InhSoilI	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1752	ALL	748188.42	4037760.7	7.64E-08	70YrCancerDerived_InhSoilI	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1753	ALL	749888.42	4037760.7	2.04E-07	70YrCancerDerived_InhSoilI	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1754	ALL	749988.42	4037760.7	2.08E-07	70YrCancerDerived_InhSoilI	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1755	ALL	750088.42	4037760.7	2.13E-07	70YrCancerDerived_InhSoilI	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1756	ALL	750188.42	4037760.7	2.16E-07	70YrCancerDerived_InhSoilI	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1757	ALL	750288.42	4037760.7	2.20E-07	70YrCancerDerived_InhSoilI	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1758	ALL	752388.42	4037760.7	1.76E-07	70YrCancerDerived_InhSoilI	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1759	ALL	752488.42	4037760.7	1.70E-07	70YrCancerDerived_InhSoilI	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1760	ALL	752588.42	4037760.7	1.65E-07	70YrCancerDerived_InhSoilI	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1761	ALL	752688.42	4037760.7	1.60E-07	70YrCancerDerived_InhSoilI	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1762	ALL	752788.42	4037760.7	1.55E-07	70YrCancerDerived_InhSoilI	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1763	ALL	754888.42	4037760.7	8.37E-08	70YrCancerDerived_InhSoilI	8.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1764	ALL	754988.42	4037760.7	8.17E-08	70YrCancerDerived_InhSoilI	8.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1765	ALL	755088.42	4037760.7	7.98E-08	70YrCancerDerived_InhSoilI	7.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1766	ALL	755188.42	4037760.7	7.80E-08	70YrCancerDerived_InhSoilI	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1767	ALL	755288.42	4037760.7	7.63E-08	70YrCancerDerived_InhSoilI	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1768	ALL	746388.42	4037860.7	8.43E-08	70YrCancerDerived_InhSoilI	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1769	ALL	746488.42	4037860.7	8.35E-08	70YrCancerDerived_InhSoilI	8.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1770	ALL	746588.42	4037860.7	8.25E-08	70YrCancerDerived_InhSoilI	8.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1771	ALL	746688.42	4037860.7	8.19E-08	70YrCancerDerived_InhSoilI	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1772	ALL	746788.42	4037860.7	8.00E-08	70YrCancerDerived_InhSoilI	8.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1773	ALL	746888.42	4037860.7	7.79E-08	70YrCancerDerived_InhSoilI	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1774	ALL	746988.42	4037860.7	7.57E-08	70YrCancerDerived_InhSoilI	7.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1775	ALL	747088.42	4037860.7	7.35E-08	70YrCancerDerived_InhSoilI	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1776	ALL	747188.42	4037860.7	7.17E-08	70YrCancerDerived_InhSoilI	7.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1777	ALL	747288.42	4037860.7	7.04E-08	70YrCancerDerived_InhSoilI	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1778	ALL	747388.42	4037860.7	7.02E-08	70YrCancerDerived_InhSoilI	7.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1779	ALL	747488.42	4037860.7	7.10E-08	70YrCancerDerived_InhSoilI	7.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1780	ALL	747588.42	4037860.7	7.28E-08	70YrCancerDerived_InhSoilI	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1781	ALL	747688.42	4037860.7	7.48E-08	70YrCancerDerived_InhSoilI	7.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1782	ALL	747788.42	4037860.7	7.62E-08	70YrCancerDerived_InhSoilI	7.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1783	ALL	747888.42	4037860.7	7.69E-08	70YrCancerDerived_InhSoilI	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1784	ALL	747988.42	4037860.7	7.70E-08	70YrCancerDerived_InhSoilI	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1785	ALL	748088.42	4037860.7	7.69E-08	70YrCancerDerived_InhSoilI	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1786	ALL	748188.42	4037860.7	7.71E-08	70YrCancerDerived_InhSoilI	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1787	ALL	749888.42	4037860.7	2.16E-07	70YrCancerDerived_InhSoilI	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1788	ALL	749988.42	4037860.7	2.21E-07	70YrCancerDerived_InhSoilI	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1789	ALL	750088.42	4037860.7	2.26E-07	70YrCancerDerived_InhSoilI	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1790	ALL	750188.42	4037860.7	2.30E-07	70YrCancerDerived_InhSoilI	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1791	ALL	750288.42	4037860.7	2.33E-07	70YrCancerDerived_InhSoilI	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1792	ALL	752388.42	4037860.7	1.75E-07	70YrCancerDerived_InhSoilI	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1793	ALL	752488.42	4037860.7	1.69E-07	70YrCancerDerived_InhSoilI	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1794	ALL	752588.42	4037860.7	1.64E-07	70YrCancerDerived_InhSoilI	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1795	ALL	752688.42	4037860.7	1.58E-07	70YrCancerDerived_InhSoilI	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1796	ALL	752788.42	4037860.7	1.53E-07	70YrCancerDerived_InhSoilI	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1797	ALL	754888.42	4037860.7	8.23E-08	70YrCancerDerived_InhSoilI	8.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1798	ALL	754988.42	4037860.7	8.03E-08	70YrCancerDerived_InhSoilI	8.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1799	ALL	755088.42	4037860.7	7.85E-08	70YrCancerDerived_InhSoilI	7.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800	ALL	755188.42	4037860.7	7.67E-08	70YrCancerDerived_InhSoilI	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1801	ALL	755288.42	4037860.7	7.50E-08	70YrCancerDerived_InhSoilI	7.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1802	ALL	746388.42	4037960.7	8.17E-08	70YrCancerDerived_InhSoilI	8.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1803	ALL	746488.42	4037960.7	8.12E-08	70YrCancerDerived_InhSoilI	8.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1804	ALL	746588.42	4037960.7	8.01E-08	70YrCancerDerived_InhSoilI	8.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1805	ALL	746688.42	4037960.7	7.97E-08	70YrCancerDerived_InhSoilI	7.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1806	ALL	746788.42	4037960.7	7.80E-08	70YrCancerDerived_InhSoilI	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1807	ALL	746888.42	4037960.7	7.62E-08	70YrCancerDerived_InhSoilI	7.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1808	ALL	746988.42	4037960.7	7.43E-08	70YrCancerDerived_InhSoilI	7.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1809	ALL	747088.42	4037960.7	7.24E-08	70YrCancerDerived_InhSoilI	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1810	ALL	747188.42	4037960.7	7.07E-08	70YrCancerDerived_InhSoilI	7.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1811	ALL	747288.42	4037960.7	6.96E-08	70YrCancerDerived_InhSoilI	6.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1812	ALL	747388.42	4037960.7	6.92E-08	70YrCancerDerived_InhSoilI	6.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1813	ALL	747488.42	4037960.7	6.99E-08	70YrCancerDerived_InhSoilI	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1814	ALL	747588.42	4037960.7	7.18E-08	70YrCancerDerived_InhSoilI	7.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1815	ALL	747688.42	4037960.7	7.42E-08	70YrCancerDerived_InhSoilI	7.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1816	ALL	747788.42	4037960.7	7.61E-08	70YrCancerDerived_InhSoilI	7.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1817	ALL	747888.42	4037960.7	7.73E-08	70YrCancerDerived_InhSoilI	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1818	ALL	747988.42	4037960.7	7.78E-08	70YrCancerDerived_InhSoilI	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1819	ALL	748088.42	4037960.7	7.79E-08	70YrCancerDerived_InhSoilI	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1820	ALL	748188.42	4037960.7	7.80E-08	70YrCancerDerived_InhSoilI	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1821	ALL	749888.42	4037960.7	2.30E-07	70YrCancerDerived_InhSoilI	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1822	ALL	749988.42	4037960.7	2.36E-07	70YrCancerDerived_InhSoilI	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1823	ALL	750088.42	4037960.7	2.41E-07	70YrCancerDerived_InhSoilI	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1824	ALL	750188.42	4037960.7	2.45E-07	70YrCancerDerived_InhSoilI	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1825	ALL	750288.42	4037960.7	2.49E-07	70YrCancerDerived_InhSoilI	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1826	ALL	752388.42	4037960.7	1.74E-07	70YrCancerDerived_InhSoilI	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1827	ALL	752488.42	4037960.7	1.68E-07	70YrCancerDerived_InhSoilI	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1828	ALL	752588.42	4037960.7	1.62E-07	70YrCancerDerived_InhSoilI	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1829	ALL	752688.42	4037960.7	1.56E-07	70YrCancerDerived_InhSoilI	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1830	ALL	752788.42	4037960.7	1.51E-07	70YrCancerDerived_InhSoilI	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1831	ALL	754888.42	4037960.7	8.08E-08	70YrCancerDerived_InhSoilI	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1832	ALL	754988.42	4037960.7	7.89E-08	70YrCancerDerived_InhSoilI	7.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1833	ALL	755088.42	4037960.7	7.71E-08	70YrCancerDerived_InhSoilI	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1834	ALL	755188.42	4037960.7	7.54E-08	70YrCancerDerived_InhSoilI	7.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1835	ALL	755288.42	4037960.7	7.37E-08	70YrCancerDerived_InhSoilI	7.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1836	ALL	747888.42	4038060.7	7.78E-08	70YrCancerDerived_InhSoilI	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1837	ALL	747988.42	4038060.7	7.88E-08	70YrCancerDerived_InhSoilI	7.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1838	ALL	748088.42	4038060.7	7.91E-08	70YrCancerDerived_InhSoilI	7.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1839	ALL	748188.42	4038060.7	7.94E-08	70YrCancerDerived_InhSoilI	7.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1840	ALL	749888.42	4038060.7	2.47E-07	70YrCancerDerived_InhSoilI	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1841	ALL	749988.42	4038060.7	2.53E-07	70YrCancerDerived_InhSoilI	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1842	ALL	750088.42	4038060.7	2.58E-07	70YrCancerDerived_InhSoilI	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1843	ALL	750188.42	4038060.7	2.62E-07	70YrCancerDerived_InhSoilI	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1844	ALL	750288.42	4038060.7	2.66E-07	70YrCancerDerived_InhSoilI	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1845	ALL	750388.42	4038060.7	2.68E-07	70YrCancerDerived_InhSoilI	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1846	ALL	750488.42	4038060.7	2.70E-07	70YrCancerDerived_InhSoilI	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1847	ALL	750588.42	4038060.7	2.71E-07	70YrCancerDerived_InhSoilI	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1848	ALL	750688.42	4038060.7	2.70E-07	70YrCancerDerived_InhSoilI	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1849	ALL	750788.42	4038060.7	2.69E-07	70YrCancerDerived_InhSoilI	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1850	ALL	750888.42	4038060.7	2.67E-07	70YrCancerDerived_InhSoilI	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1851	ALL	750988.42	4038060.7	2.63E-07	70YrCancerDerived_InhSoilI	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1852	ALL	751088.42	4038060.7	2.59E-07	70YrCancerDerived_InhSoilI	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1853	ALL	751188.42	4038060.7	2.54E-07	70YrCancerDerived_InhSoilI	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1854	ALL	751288.42	4038060.7	2.49E-07	70YrCancerDerived_InhSoilI	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1855	ALL	751388.42	4038060.7	2.42E-07	70YrCancerDerived_InhSoilI	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1856	ALL	752388.42	4038060.7	1.72E-07	70YrCancerDerived_InhSoilI	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1857	ALL	752488.42	4038060.7	1.66E-07	70YrCancerDerived_InhSoilI	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1858	ALL	752588.42	4038060.7	1.60E-07	70YrCancerDerived_InhSoilI	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1859	ALL	752688.42	4038060.7	1.54E-07	70YrCancerDerived_InhSoilI	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1860	ALL	754788.42	4038060.7	8.13E-08	70YrCancerDerived_InhSoilI	8.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1861	ALL	754888.42	4038060.7	7.94E-08	70YrCancerDerived_InhSoilI	7.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1862	ALL	754988.42	4038060.7	7.75E-08	70YrCancerDerived_InhSoilI	7.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1863	ALL	755088.42	4038060.7	7.57E-08	70YrCancerDerived_InhSoilI	7.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1864	ALL	755188.42	4038060.7	7.40E-08	70YrCancerDerived_InhSoilI	7.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1865	ALL	755288.42	4038060.7	7.24E-08	70YrCancerDerived_InhSoilI	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1866	ALL	747888.42	4038160.7	7.84E-08	70YrCancerDerived_InhSoilI	7.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1867	ALL	747988.42	4038160.7	7.99E-08	70YrCancerDerived_InhSoilI	7.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1868	ALL	748088.42	4038160.7	8.06E-08	70YrCancerDerived_InhSoilI	8.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1869	ALL	748188.42	4038160.7	8.10E-08	70YrCancerDerived_InhSoilI	8.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1870	ALL	749888.42	4038160.7	2.66E-07	70YrCancerDerived_InhSoilI	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1871	ALL	749988.42	4038160.7	2.72E-07	70YrCancerDerived_InhSoilI	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1872	ALL	750088.42	4038160.7	2.77E-07	70YrCancerDerived_InhSoilI	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1873	ALL	750188.42	4038160.7	2.82E-07	70YrCancerDerived_InhSoilI	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1874	ALL	750288.42	4038160.7	2.85E-07	70YrCancerDerived_InhSoilI	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1875	ALL	750388.42	4038160.7	2.87E-07	70YrCancerDerived_InhSoilI	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1876	ALL	750488.42	4038160.7	2.88E-07	70YrCancerDerived_InhSoilI	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1877	ALL	750588.42	4038160.7	2.87E-07	70YrCancerDerived_InhSoilI	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1878	ALL	750688.42	4038160.7	2.86E-07	70YrCancerDerived_InhSoilI	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1879	ALL	750788.42	4038160.7	2.83E-07	70YrCancerDerived_InhSoilI	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1880	ALL	750888.42	4038160.7	2.79E-07	70YrCancerDerived_InhSoilI	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1881	ALL	750988.42	4038160.7	2.74E-07	70YrCancerDerived_InhSoilI	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1882	ALL	751088.42	4038160.7	2.68E-07	70YrCancerDerived_InhSoilI	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1883	ALL	751188.42	4038160.7	2.62E-07	70YrCancerDerived_InhSoilI	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1884	ALL	751288.42	4038160.7	2.55E-07	70YrCancerDerived_InhSoilI	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1885	ALL	751388.42	4038160.7	2.47E-07	70YrCancerDerived_InhSoilI	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1886	ALL	751488.42	4038160.7	2.39E-07	70YrCancerDerived_InhSoilI	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1887	ALL	751588.42	4038160.7	2.31E-07	70YrCancerDerived_InhSoilI	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1888	ALL	751688.42	4038160.7	2.23E-07	70YrCancerDerived_InhSoilI	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1889	ALL	751788.42	4038160.7	2.15E-07	70YrCancerDerived_InhSoilI	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1890	ALL	751888.42	4038160.7	2.07E-07	70YrCancerDerived_InhSoilI	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1891	ALL	751988.42	4038160.7	1.99E-07	70YrCancerDerived_InhSoilI	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1892	ALL	752088.42	4038160.7	1.91E-07	70YrCancerDerived_InhSoilI	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1893	ALL	752188.42	4038160.7	1.84E-07	70YrCancerDerived_InhSoilI	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1894	ALL	752288.42	4038160.7	1.77E-07	70YrCancerDerived_InhSoilI	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1895	ALL	752388.42	4038160.7	1.70E-07	70YrCancerDerived_InhSoilI	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1896	ALL	752488.42	4038160.7	1.63E-07	70YrCancerDerived_InhSoilI	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1897	ALL	752588.42	4038160.7	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1898	ALL	752688.42	4038160.7	1.51E-07	70YrCancerDerived_InhSoilI	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1899	ALL	754788.42	4038160.7	7.98E-08	70YrCancerDerived_InhSoilI	7.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900	ALL	754888.42	4038160.7	7.79E-08	70YrCancerDerived_InhSoilI	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1901	ALL	754988.42	4038160.7	7.61E-08	70YrCancerDerived_InhSoilI	7.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1902	ALL	755088.42	4038160.7	7.43E-08	70YrCancerDerived_InhSoilI	7.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1903	ALL	755188.42	4038160.7	7.26E-08	70YrCancerDerived_InhSoilI	7.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1904	ALL	755288.42	4038160.7	7.10E-08	70YrCancerDerived_InhSoilI	7.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1905	ALL	747888.42	4038260.7	7.89E-08	70YrCancerDerived_InhSoilI	7.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1906	ALL	747988.42	4038260.7	8.11E-08	70YrCancerDerived_InhSoilI	8.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1907	ALL	748088.42	4038260.7	8.23E-08	70YrCancerDerived_InhSoilI	8.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1908	ALL	748188.42	4038260.7	8.30E-08	70YrCancerDerived_InhSoilI	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1909	ALL	749888.42	4038260.7	2.87E-07	70YrCancerDerived_InhSoilI	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1910	ALL	749988.42	4038260.7	2.94E-07	70YrCancerDerived_InhSoilI	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1911	ALL	750088.42	4038260.7	2.99E-07	70YrCancerDerived_InhSoilI	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1912	ALL	750188.42	4038260.7	3.03E-07	70YrCancerDerived_InhSoilI	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1913	ALL	750288.42	4038260.7	3.06E-07	70YrCancerDerived_InhSoilI	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1914	ALL	750388.42	4038260.7	3.07E-07	70YrCancerDerived_InhSoilI	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1915	ALL	750488.42	4038260.7	3.06E-07	70YrCancerDerived_InhSoilI	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1916	ALL	750588.42	4038260.7	3.05E-07	70YrCancerDerived_InhSoilI	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1917	ALL	750688.42	4038260.7	3.01E-07	70YrCancerDerived_InhSoilI	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1918	ALL	750788.42	4038260.7	2.97E-07	70YrCancerDerived_InhSoilI	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1919	ALL	750888.42	4038260.7	2.91E-07	70YrCancerDerived_InhSoilI	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1920	ALL	750988.42	4038260.7	2.84E-07	70YrCancerDerived_InhSoilI	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1921	ALL	751088.42	4038260.7	2.76E-07	70YrCancerDerived_InhSoilI	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1922	ALL	751188.42	4038260.7	2.68E-07	70YrCancerDerived_InhSoilI	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1923	ALL	751288.42	4038260.7	2.60E-07	70YrCancerDerived_InhSoilI	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1924	ALL	751388.42	4038260.7	2.51E-07	70YrCancerDerived_InhSoilI	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1925	ALL	751488.42	4038260.7	2.42E-07	70YrCancerDerived_InhSoilI	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1926	ALL	751588.42	4038260.7	2.32E-07	70YrCancerDerived_InhSoilI	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1927	ALL	751688.42	4038260.7	2.23E-07	70YrCancerDerived_InhSoilI	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1928	ALL	751788.42	4038260.7	2.14E-07	70YrCancerDerived_InhSoilI	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1929	ALL	751888.42	4038260.7	2.06E-07	70YrCancerDerived_InhSoilI	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1930	ALL	751988.42	4038260.7	1.97E-07	70YrCancerDerived_InhSoilI	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1931	ALL	752088.42	4038260.7	1.89E-07	70YrCancerDerived_InhSoilI	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1932	ALL	752188.42	4038260.7	1.81E-07	70YrCancerDerived_InhSoilI	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1933	ALL	752288.42	4038260.7	1.74E-07	70YrCancerDerived_InhSoilI	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1934	ALL	752388.42	4038260.7	1.67E-07	70YrCancerDerived_InhSoilI	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1935	ALL	752488.42	4038260.7	1.61E-07	70YrCancerDerived_InhSoilI	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1936	ALL	752588.42	4038260.7	1.54E-07	70YrCancerDerived_InhSoilI	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1937	ALL	752688.42	4038260.7	1.48E-07	70YrCancerDerived_InhSoilI	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1938	ALL	754788.42	4038260.7	7.82E-08	70YrCancerDerived_InhSoilI	7.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1939	ALL	754888.42	4038260.7	7.64E-08	70YrCancerDerived_InhSoilI	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1940	ALL	754988.42	4038260.7	7.46E-08	70YrCancerDerived_InhSoilI	7.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1941	ALL	755088.42	4038260.7	7.29E-08	70YrCancerDerived_InhSoilI	7.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1942	ALL	755188.42	4038260.7	7.12E-08	70YrCancerDerived_InhSoilI	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1943	ALL	755288.42	4038260.7	6.96E-08	70YrCancerDerived_InhSoilI	6.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1944	ALL	747888.42	4038360.7	7.94E-08	70YrCancerDerived_InhSoilI	7.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1945	ALL	747988.42	4038360.7	8.24E-08	70YrCancerDerived_InhSoilI	8.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1946	ALL	748088.42	4038360.7	8.42E-08	70YrCancerDerived_InhSoilI	8.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1947	ALL	748188.42	4038360.7	8.53E-08	70YrCancerDerived_InhSoilI	8.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1948	ALL	749888.42	4038360.7	3.13E-07	70YrCancerDerived_InhSoilI	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1949	ALL	749988.42	4038360.7	3.19E-07	70YrCancerDerived_InhSoilI	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1950	ALL	750088.42	4038360.7	3.24E-07	70YrCancerDerived_InhSoilI	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1951	ALL	750188.42	4038360.7	3.27E-07	70YrCancerDerived_InhSoilI	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1952	ALL	750288.42	4038360.7	3.29E-07	70YrCancerDerived_InhSoilI	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1953	ALL	750388.42	4038360.7	3.28E-07	70YrCancerDerived_InhSoilI	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1954	ALL	750488.42	4038360.7	3.26E-07	70YrCancerDerived_InhSoilI	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1955	ALL	750588.42	4038360.7	3.22E-07	70YrCancerDerived_InhSoilI	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1956	ALL	750688.42	4038360.7	3.17E-07	70YrCancerDerived_InhSoilI	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1957	ALL	750788.42	4038360.7	3.10E-07	70YrCancerDerived_InhSoilI	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1958	ALL	750888.42	4038360.7	3.02E-07	70YrCancerDerived_InhSoilI	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1959	ALL	750988.42	4038360.7	2.93E-07	70YrCancerDerived_InhSoilI	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1960	ALL	751088.42	4038360.7	2.83E-07	70YrCancerDerived_InhSoilI	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1961	ALL	751188.42	4038360.7	2.73E-07	70YrCancerDerived_InhSoilI	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1962	ALL	751288.42	4038360.7	2.63E-07	70YrCancerDerived_InhSoilI	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1963	ALL	751388.42	4038360.7	2.52E-07	70YrCancerDerived_InhSoilI	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1964	ALL	751488.42	4038360.7	2.42E-07	70YrCancerDerived_InhSoilI	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1965	ALL	751588.42	4038360.7	2.32E-07	70YrCancerDerived_InhSoilI	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1966	ALL	751688.42	4038360.7	2.22E-07	70YrCancerDerived_InhSoilI	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1967	ALL	751788.42	4038360.7	2.12E-07	70YrCancerDerived_InhSoilI	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1968	ALL	751888.42	4038360.7	2.03E-07	70YrCancerDerived_InhSoilI	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1969	ALL	751988.42	4038360.7	1.94E-07	70YrCancerDerived_InhSoilI	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1970	ALL	752088.42	4038360.7	1.86E-07	70YrCancerDerived_InhSoilI	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1971	ALL	752188.42	4038360.7	1.78E-07	70YrCancerDerived_InhSoilI	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1972	ALL	752288.42	4038360.7	1.71E-07	70YrCancerDerived_InhSoilI	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1973	ALL	752388.42	4038360.7	1.64E-07	70YrCancerDerived_InhSoilI	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1974	ALL	752488.42	4038360.7	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1975	ALL	752588.42	4038360.7	1.51E-07	70YrCancerDerived_InhSoilI	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1976	ALL	752688.42	4038360.7	1.45E-07	70YrCancerDerived_InhSoilI	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1977	ALL	754788.42	4038360.7	7.67E-08	70YrCancerDerived_InhSoilI	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1978	ALL	754888.42	4038360.7	7.48E-08	70YrCancerDerived_InhSoilI	7.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1979	ALL	754988.42	4038360.7	7.31E-08	70YrCancerDerived_InhSoilI	7.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1980	ALL	755088.42	4038360.7	7.14E-08	70YrCancerDerived_InhSoilI	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1981	ALL	755188.42	4038360.7	6.98E-08	70YrCancerDerived_InhSoilI	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1982	ALL	755288.42	4038360.7	6.83E-08	70YrCancerDerived_InhSoilI	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1983	ALL	747888.42	4038460.7	7.98E-08	70YrCancerDerived_InhSoilI	7.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1984	ALL	747988.42	4038460.7	8.36E-08	70YrCancerDerived_InhSoilI	8.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1985	ALL	748088.42	4038460.7	8.63E-08	70YrCancerDerived_InhSoilI	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1986	ALL	748188.42	4038460.7	8.79E-08	70YrCancerDerived_InhSoilI	8.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1987	ALL	749888.42	4038460.7	3.42E-07	70YrCancerDerived_InhSoilI	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1988	ALL	749988.42	4038460.7	3.48E-07	70YrCancerDerived_InhSoilI	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1989	ALL	750088.42	4038460.7	3.52E-07	70YrCancerDerived_InhSoilI	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1990	ALL	750188.42	4038460.7	3.53E-07	70YrCancerDerived_InhSoilI	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1991	ALL	750288.42	4038460.7	3.53E-07	70YrCancerDerived_InhSoilI	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1992	ALL	750388.42	4038460.7	3.50E-07	70YrCancerDerived_InhSoilI	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1993	ALL	750488.42	4038460.7	3.45E-07	70YrCancerDerived_InhSoilI	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1994	ALL	750588.42	4038460.7	3.39E-07	70YrCancerDerived_InhSoilI	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1995	ALL	750688.42	4038460.7	3.31E-07	70YrCancerDerived_InhSoilI	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1996	ALL	750788.42	4038460.7	3.21E-07	70YrCancerDerived_InhSoilI	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1997	ALL	750888.42	4038460.7	3.11E-07	70YrCancerDerived_InhSoilI	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1998	ALL	750988.42	4038460.7	3.00E-07	70YrCancerDerived_InhSoilI	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1999	ALL	751088.42	4038460.7	2.88E-07	70YrCancerDerived_InhSoilI	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000	ALL	751188.42	4038460.7	2.76E-07	70YrCancerDerived_InhSoilI	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2001	ALL	751288.42	4038460.7	2.64E-07	70YrCancerDerived_InhSoilI	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2002	ALL	751388.42	4038460.7	2.53E-07	70YrCancerDerived_InhSoilI	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2003	ALL	751888.42	4038460.7	2.00E-07	70YrCancerDerived_InhSoilI	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2004	ALL	751988.42	4038460.7	1.91E-07	70YrCancerDerived_InhSoilI	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2005	ALL	752088.42	4038460.7	1.83E-07	70YrCancerDerived_InhSoilI	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2006	ALL	752188.42	4038460.7	1.75E-07	70YrCancerDerived_InhSoilI	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2007	ALL	752288.42	4038460.7	1.67E-07	70YrCancerDerived_InhSoilI	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2008	ALL	752388.42	4038460.7	1.60E-07	70YrCancerDerived_InhSoilI	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2009	ALL	752488.42	4038460.7	1.54E-07	70YrCancerDerived_InhSoilI	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2010	ALL	752588.42	4038460.7	1.48E-07	70YrCancerDerived_InhSoilI	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2011	ALL	752688.42	4038460.7	1.42E-07	70YrCancerDerived_InhSoilI	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2012	ALL	754788.42	4038460.7	7.51E-08	70YrCancerDerived_InhSoilI	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2013	ALL	754888.42	4038460.7	7.33E-08	70YrCancerDerived_InhSoilI	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2014	ALL	754988.42	4038460.7	7.16E-08	70YrCancerDerived_InhSoilI	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2015	ALL	755088.42	4038460.7	7.00E-08	70YrCancerDerived_InhSoilI	7.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2016	ALL	755188.42	4038460.7	6.84E-08	70YrCancerDerived_InhSoilI	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2017	ALL	755288.42	4038460.7	6.69E-08	70YrCancerDerived_InhSoilI	6.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2018	ALL	747888.42	4038560.7	8.01E-08	70YrCancerDerived_InhSoilI	8.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2019	ALL	747988.42	4038560.7	8.48E-08	70YrCancerDerived_InhSoilI	8.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2020	ALL	748088.42	4038560.7	8.83E-08	70YrCancerDerived_InhSoilI	8.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2021	ALL	748188.42	4038560.7	9.07E-08	70YrCancerDerived_InhSoilI	9.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2022	ALL	749888.42	4038560.7	3.75E-07	70YrCancerDerived_InhSoilI	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2023	ALL	749988.42	4038560.7	3.80E-07	70YrCancerDerived_InhSoilI	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2024	ALL	750088.42	4038560.7	3.82E-07	70YrCancerDerived_InhSoilI	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2025	ALL	750188.42	4038560.7	3.82E-07	70YrCancerDerived_InhSoilI	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2026	ALL	750288.42	4038560.7	3.78E-07	70YrCancerDerived_InhSoilI	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2027	ALL	750388.42	4038560.7	3.72E-07	70YrCancerDerived_InhSoilI	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2028	ALL	750488.42	4038560.7	3.64E-07	70YrCancerDerived_InhSoilI	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2029	ALL	750588.42	4038560.7	3.55E-07	70YrCancerDerived_InhSoilI	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2030	ALL	750688.42	4038560.7	3.43E-07	70YrCancerDerived_InhSoilI	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2031	ALL	750788.42	4038560.7	3.31E-07	70YrCancerDerived_InhSoilI	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2032	ALL	750888.42	4038560.7	3.18E-07	70YrCancerDerived_InhSoilI	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2033	ALL	750988.42	4038560.7	3.05E-07	70YrCancerDerived_InhSoilI	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2034	ALL	751088.42	4038560.7	2.91E-07	70YrCancerDerived_InhSoilI	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2035	ALL	751188.42	4038560.7	2.77E-07	70YrCancerDerived_InhSoilI	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2036	ALL	751288.42	4038560.7	2.64E-07	70YrCancerDerived_InhSoilI	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2037	ALL	751388.42	4038560.7	2.51E-07	70YrCancerDerived_InhSoilI	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2038	ALL	752788.42	4038560.7	1.34E-07	70YrCancerDerived_InhSoilI	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2039	ALL	752888.42	4038560.7	1.29E-07	70YrCancerDerived_InhSoilI	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2040	ALL	752988.42	4038560.7	1.24E-07	70YrCancerDerived_InhSoilI	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2041	ALL	753088.42	4038560.7	1.20E-07	70YrCancerDerived_InhSoilI	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2042	ALL	753188.42	4038560.7	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2043	ALL	753288.42	4038560.7	1.12E-07	70YrCancerDerived_InhSoilI	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2044	ALL	753388.42	4038560.7	1.09E-07	70YrCancerDerived_InhSoilI	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2045	ALL	753488.42	4038560.7	1.05E-07	70YrCancerDerived_InhSoilI	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2046	ALL	753588.42	4038560.7	1.02E-07	70YrCancerDerived_InhSoilI	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2047	ALL	753688.42	4038560.7	9.89E-08	70YrCancerDerived_InhSoilI	9.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2048	ALL	753788.42	4038560.7	9.60E-08	70YrCancerDerived_InhSoilI	9.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2049	ALL	753888.42	4038560.7	9.32E-08	70YrCancerDerived_InhSoilI	9.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2050	ALL	753988.42	4038560.7	9.06E-08	70YrCancerDerived_InhSoilI	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2051	ALL	754088.42	4038560.7	8.81E-08	70YrCancerDerived_InhSoilI	8.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2052	ALL	754188.42	4038560.7	8.57E-08	70YrCancerDerived_InhSoilI	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2053	ALL	754288.42	4038560.7	8.35E-08	70YrCancerDerived_InhSoilI	8.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2054	ALL	754388.42	4038560.7	8.13E-08	70YrCancerDerived_InhSoilI	8.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2055	ALL	754488.42	4038560.7	7.92E-08	70YrCancerDerived_InhSoilI	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2056	ALL	754588.42	4038560.7	7.72E-08	70YrCancerDerived_InhSoilI	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2057	ALL	754688.42	4038560.7	7.53E-08	70YrCancerDerived_InhSoilI	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2058	ALL	754788.42	4038560.7	7.36E-08	70YrCancerDerived_InhSoilI	7.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2059	ALL	754888.42	4038560.7	7.18E-08	70YrCancerDerived_InhSoilI	7.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2060	ALL	754988.42	4038560.7	7.01E-08	70YrCancerDerived_InhSoilI	7.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2061	ALL	755088.42	4038560.7	6.85E-08	70YrCancerDerived_InhSoilI	6.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2062	ALL	755188.42	4038560.7	6.70E-08	70YrCancerDerived_InhSoilI	6.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2063	ALL	755288.42	4038560.7	6.55E-08	70YrCancerDerived_InhSoilI	6.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2064	ALL	747888.42	4038660.7	8.04E-08	70YrCancerDerived_InhSoilI	8.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2065	ALL	747988.42	4038660.7	8.59E-08	70YrCancerDerived_InhSoilI	8.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2066	ALL	748088.42	4038660.7	9.05E-08	70YrCancerDerived_InhSoilI	9.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2067	ALL	748188.42	4038660.7	9.37E-08	70YrCancerDerived_InhSoilI	9.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2068	ALL	749888.42	4038660.7	4.13E-07	70YrCancerDerived_InhSoilI	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2069	ALL	749988.42	4038660.7	4.16E-07	70YrCancerDerived_InhSoilI	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2070	ALL	750088.42	4038660.7	4.15E-07	70YrCancerDerived_InhSoilI	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2071	ALL	750188.42	4038660.7	4.11E-07	70YrCancerDerived_InhSoilI	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2072	ALL	750288.42	4038660.7	4.03E-07	70YrCancerDerived_InhSoilI	4.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2073	ALL	750388.42	4038660.7	3.93E-07	70YrCancerDerived_InhSoilI	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2074	ALL	750488.42	4038660.7	3.81E-07	70YrCancerDerived_InhSoilI	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2075	ALL	750588.42	4038660.7	3.68E-07	70YrCancerDerived_InhSoilI	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2076	ALL	750688.42	4038660.7	3.53E-07	70YrCancerDerived_InhSoilI	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2077	ALL	750788.42	4038660.7	3.38E-07	70YrCancerDerived_InhSoilI	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2078	ALL	750888.42	4038660.7	3.22E-07	70YrCancerDerived_InhSoilI	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2079	ALL	750988.42	4038660.7	3.06E-07	70YrCancerDerived_InhSoilI	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2080	ALL	751088.42	4038660.7	2.91E-07	70YrCancerDerived_InhSoilI	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2081	ALL	751188.42	4038660.7	2.76E-07	70YrCancerDerived_InhSoilI	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2082	ALL	751288.42	4038660.7	2.62E-07	70YrCancerDerived_InhSoilI	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2083	ALL	751388.42	4038660.7	2.48E-07	70YrCancerDerived_InhSoilI	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2084	ALL	752788.42	4038660.7	1.31E-07	70YrCancerDerived_InhSoilI	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2085	ALL	752888.42	4038660.7	1.26E-07	70YrCancerDerived_InhSoilI	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2086	ALL	752988.42	4038660.7	1.22E-07	70YrCancerDerived_InhSoilI	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2087	ALL	753088.42	4038660.7	1.17E-07	70YrCancerDerived_InhSoilI	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2088	ALL	753188.42	4038660.7	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2089	ALL	753288.42	4038660.7	1.10E-07	70YrCancerDerived_InhSoilI	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2090	ALL	753388.42	4038660.7	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2091	ALL	753488.42	4038660.7	1.03E-07	70YrCancerDerived_InhSoilI	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2092	ALL	753588.42	4038660.7	9.97E-08	70YrCancerDerived_InhSoilI	9.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2093	ALL	753688.42	4038660.7	9.67E-08	70YrCancerDerived_InhSoilI	9.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2094	ALL	753788.42	4038660.7	9.38E-08	70YrCancerDerived_InhSoilI	9.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2095	ALL	753888.42	4038660.7	9.11E-08	70YrCancerDerived_InhSoilI	9.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2096	ALL	753988.42	4038660.7	8.86E-08	70YrCancerDerived_InhSoilI	8.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2097	ALL	754088.42	4038660.7	8.62E-08	70YrCancerDerived_InhSoilI	8.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2098	ALL	754188.42	4038660.7	8.38E-08	70YrCancerDerived_InhSoilI	8.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2099	ALL	754288.42	4038660.7	8.16E-08	70YrCancerDerived_InhSoilI	8.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100	ALL	754388.42	4038660.7	7.95E-08	70YrCancerDerived_InhSoilI	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2101	ALL	754488.42	4038660.7	7.75E-08	70YrCancerDerived_InhSoilI	7.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2102	ALL	754588.42	4038660.7	7.56E-08	70YrCancerDerived_InhSoilI	7.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2103	ALL	754688.42	4038660.7	7.37E-08	70YrCancerDerived_InhSoilI	7.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2104	ALL	754788.42	4038660.7	7.19E-08	70YrCancerDerived_InhSoilI	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2105	ALL	754888.42	4038660.7	7.02E-08	70YrCancerDerived_InhSoilI	7.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2106	ALL	754988.42	4038660.7	6.86E-08	70YrCancerDerived_InhSoilI	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2107	ALL	755088.42	4038660.7	6.71E-08	70YrCancerDerived_InhSoilI	6.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2108	ALL	755188.42	4038660.7	6.56E-08	70YrCancerDerived_InhSoilI	6.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2109	ALL	755288.42	4038660.7	6.42E-08	70YrCancerDerived_InhSoilI	6.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2110	ALL	747888.42	4038760.7	8.06E-08	70YrCancerDerived_InhSoilI	8.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2111	ALL	747988.42	4038760.7	8.69E-08	70YrCancerDerived_InhSoilI	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2112	ALL	748088.42	4038760.7	9.26E-08	70YrCancerDerived_InhSoilI	9.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2113	ALL	748188.42	4038760.7	9.69E-08	70YrCancerDerived_InhSoilI	9.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2114	ALL	749888.42	4038760.7	4.56E-07	70YrCancerDerived_InhSoilI	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2115	ALL	749988.42	4038760.7	4.55E-07	70YrCancerDerived_InhSoilI	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2116	ALL	750088.42	4038760.7	4.49E-07	70YrCancerDerived_InhSoilI	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2117	ALL	750188.42	4038760.7	4.40E-07	70YrCancerDerived_InhSoilI	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2118	ALL	750288.42	4038760.7	4.27E-07	70YrCancerDerived_InhSoilI	4.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2119	ALL	750388.42	4038760.7	4.12E-07	70YrCancerDerived_InhSoilI	4.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2120	ALL	750488.42	4038760.7	3.96E-07	70YrCancerDerived_InhSoilI	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2121	ALL	750588.42	4038760.7	3.78E-07	70YrCancerDerived_InhSoilI	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2122	ALL	750688.42	4038760.7	3.60E-07	70YrCancerDerived_InhSoilI	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2123	ALL	750788.42	4038760.7	3.41E-07	70YrCancerDerived_InhSoilI	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2124	ALL	750888.42	4038760.7	3.23E-07	70YrCancerDerived_InhSoilI	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2125	ALL	750988.42	4038760.7	3.05E-07	70YrCancerDerived_InhSoilI	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2126	ALL	751088.42	4038760.7	2.88E-07	70YrCancerDerived_InhSoilI	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2127	ALL	751188.42	4038760.7	2.72E-07	70YrCancerDerived_InhSoilI	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2128	ALL	751288.42	4038760.7	2.57E-07	70YrCancerDerived_InhSoilI	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2129	ALL	751388.42	4038760.7	2.43E-07	70YrCancerDerived_InhSoilI	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2130	ALL	752788.42	4038760.7	1.27E-07	70YrCancerDerived_InhSoilI	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2131	ALL	752888.42	4038760.7	1.23E-07	70YrCancerDerived_InhSoilI	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2132	ALL	752988.42	4038760.7	1.19E-07	70YrCancerDerived_InhSoilI	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2133	ALL	753088.42	4038760.7	1.14E-07	70YrCancerDerived_InhSoilI	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2134	ALL	753188.42	4038760.7	1.11E-07	70YrCancerDerived_InhSoilI	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2135	ALL	753288.42	4038760.7	1.07E-07	70YrCancerDerived_InhSoilI	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2136	ALL	753388.42	4038760.7	1.04E-07	70YrCancerDerived_InhSoilI	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2137	ALL	753488.42	4038760.7	1.00E-07	70YrCancerDerived_InhSoilI	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2138	ALL	753588.42	4038760.7	9.73E-08	70YrCancerDerived_InhSoilI	9.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2139	ALL	753688.42	4038760.7	9.43E-08	70YrCancerDerived_InhSoilI	9.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2140	ALL	753788.42	4038760.7	9.16E-08	70YrCancerDerived_InhSoilI	9.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2141	ALL	753888.42	4038760.7	8.90E-08	70YrCancerDerived_InhSoilI	8.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2142	ALL	753988.42	4038760.7	8.65E-08	70YrCancerDerived_InhSoilI	8.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2143	ALL	754088.42	4038760.7	8.42E-08	70YrCancerDerived_InhSoilI	8.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2144	ALL	754188.42	4038760.7	8.19E-08	70YrCancerDerived_InhSoilI	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2145	ALL	754288.42	4038760.7	7.98E-08	70YrCancerDerived_InhSoilI	7.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2146	ALL	754388.42	4038760.7	7.77E-08	70YrCancerDerived_InhSoilI	7.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2147	ALL	754488.42	4038760.7	7.57E-08	70YrCancerDerived_InhSoilI	7.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2148	ALL	754588.42	4038760.7	7.39E-08	70YrCancerDerived_InhSoilI	7.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2149	ALL	754688.42	4038760.7	7.21E-08	70YrCancerDerived_InhSoilI	7.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2150	ALL	754788.42	4038760.7	7.04E-08	70YrCancerDerived_InhSoilI	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2151	ALL	754888.42	4038760.7	6.87E-08	70YrCancerDerived_InhSoilI	6.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2152	ALL	754988.42	4038760.7	6.72E-08	70YrCancerDerived_InhSoilI	6.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2153	ALL	755088.42	4038760.7	6.57E-08	70YrCancerDerived_InhSoilI	6.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2154	ALL	755188.42	4038760.7	6.42E-08	70YrCancerDerived_InhSoilI	6.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2155	ALL	755288.42	4038760.7	6.29E-08	70YrCancerDerived_InhSoilI	6.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2156	ALL	747888.42	4038860.7	8.10E-08	70YrCancerDerived_InhSoilI	8.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2157	ALL	747988.42	4038860.7	8.77E-08	70YrCancerDerived_InhSoilI	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2158	ALL	748088.42	4038860.7	9.45E-08	70YrCancerDerived_InhSoilI	9.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2159	ALL	748188.42	4038860.7	1.00E-07	70YrCancerDerived_InhSoilI	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2160	ALL	749888.42	4038860.7	5.01E-07	70YrCancerDerived_InhSoilI	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2161	ALL	749988.42	4038860.7	4.94E-07	70YrCancerDerived_InhSoilI	4.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2162	ALL	750088.42	4038860.7	4.83E-07	70YrCancerDerived_InhSoilI	4.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2163	ALL	750188.42	4038860.7	4.67E-07	70YrCancerDerived_InhSoilI	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2164	ALL	750288.42	4038860.7	4.48E-07	70YrCancerDerived_InhSoilI	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2165	ALL	750388.42	4038860.7	4.27E-07	70YrCancerDerived_InhSoilI	4.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2166	ALL	750488.42	4038860.7	4.06E-07	70YrCancerDerived_InhSoilI	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2167	ALL	750588.42	4038860.7	3.84E-07	70YrCancerDerived_InhSoilI	3.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2168	ALL	750688.42	4038860.7	3.62E-07	70YrCancerDerived_InhSoilI	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2169	ALL	750788.42	4038860.7	3.41E-07	70YrCancerDerived_InhSoilI	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2170	ALL	750888.42	4038860.7	3.20E-07	70YrCancerDerived_InhSoilI	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2171	ALL	750988.42	4038860.7	3.01E-07	70YrCancerDerived_InhSoilI	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2172	ALL	751088.42	4038860.7	2.84E-07	70YrCancerDerived_InhSoilI	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2173	ALL	751188.42	4038860.7	2.67E-07	70YrCancerDerived_InhSoilI	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2174	ALL	751288.42	4038860.7	2.52E-07	70YrCancerDerived_InhSoilI	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2175	ALL	751388.42	4038860.7	2.37E-07	70YrCancerDerived_InhSoilI	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2176	ALL	752788.42	4038860.7	1.24E-07	70YrCancerDerived_InhSoilI	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2177	ALL	752888.42	4038860.7	1.20E-07	70YrCancerDerived_InhSoilI	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2178	ALL	752988.42	4038860.7	1.15E-07	70YrCancerDerived_InhSoilI	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2179	ALL	753088.42	4038860.7	1.11E-07	70YrCancerDerived_InhSoilI	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2180	ALL	753188.42	4038860.7	1.08E-07	70YrCancerDerived_InhSoilI	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2181	ALL	753288.42	4038860.7	1.04E-07	70YrCancerDerived_InhSoilI	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2182	ALL	753388.42	4038860.7	1.01E-07	70YrCancerDerived_InhSoilI	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2183	ALL	753488.42	4038860.7	9.78E-08	70YrCancerDerived_InhSoilI	9.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2184	ALL	753588.42	4038860.7	9.48E-08	70YrCancerDerived_InhSoilI	9.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2185	ALL	753688.42	4038860.7	9.20E-08	70YrCancerDerived_InhSoilI	9.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2186	ALL	753788.42	4038860.7	8.93E-08	70YrCancerDerived_InhSoilI	8.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2187	ALL	753888.42	4038860.7	8.68E-08	70YrCancerDerived_InhSoilI	8.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2188	ALL	753988.42	4038860.7	8.44E-08	70YrCancerDerived_InhSoilI	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2189	ALL	754088.42	4038860.7	8.21E-08	70YrCancerDerived_InhSoilI	8.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2190	ALL	754188.42	4038860.7	8.00E-08	70YrCancerDerived_InhSoilI	8.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2191	ALL	754288.42	4038860.7	7.79E-08	70YrCancerDerived_InhSoilI	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2192	ALL	754388.42	4038860.7	7.59E-08	70YrCancerDerived_InhSoilI	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2193	ALL	754488.42	4038860.7	7.40E-08	70YrCancerDerived_InhSoilI	7.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2194	ALL	754588.42	4038860.7	7.22E-08	70YrCancerDerived_InhSoilI	7.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2195	ALL	754688.42	4038860.7	7.05E-08	70YrCancerDerived_InhSoilI	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2196	ALL	754788.42	4038860.7	6.88E-08	70YrCancerDerived_InhSoilI	6.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2197	ALL	754888.42	4038860.7	6.73E-08	70YrCancerDerived_InhSoilI	6.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2198	ALL	754988.42	4038860.7	6.57E-08	70YrCancerDerived_InhSoilI	6.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2199	ALL	755088.42	4038860.7	6.43E-08	70YrCancerDerived_InhSoilI	6.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200	ALL	755188.42	4038860.7	6.29E-08	70YrCancerDerived_InhSoilI	6.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2201	ALL	755288.42	4038860.7	6.16E-08	70YrCancerDerived_InhSoilI	6.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2202	ALL	747888.42	4038960.7	8.16E-08	70YrCancerDerived_InhSoilI	8.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2203	ALL	747988.42	4038960.7	8.83E-08	70YrCancerDerived_InhSoilI	8.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2204	ALL	748088.42	4038960.7	9.67E-08	70YrCancerDerived_InhSoilI	9.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2205	ALL	748188.42	4038960.7	1.05E-07	70YrCancerDerived_InhSoilI	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2206	ALL	749888.42	4038960.7	5.49E-07	70YrCancerDerived_InhSoilI	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2207	ALL	749988.42	4038960.7	5.33E-07	70YrCancerDerived_InhSoilI	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2208	ALL	750088.42	4038960.7	5.13E-07	70YrCancerDerived_InhSoilI	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2209	ALL	750188.42	4038960.7	4.89E-07	70YrCancerDerived_InhSoilI	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2210	ALL	750288.42	4038960.7	4.64E-07	70YrCancerDerived_InhSoilI	4.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2211	ALL	750388.42	4038960.7	4.37E-07	70YrCancerDerived_InhSoilI	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2212	ALL	750488.42	4038960.7	4.10E-07	70YrCancerDerived_InhSoilI	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2213	ALL	750588.42	4038960.7	3.85E-07	70YrCancerDerived_InhSoilI	3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2214	ALL	750688.42	4038960.7	3.60E-07	70YrCancerDerived_InhSoilI	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2215	ALL	750788.42	4038960.7	3.36E-07	70YrCancerDerived_InhSoilI	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2216	ALL	750888.42	4038960.7	3.15E-07	70YrCancerDerived_InhSoilI	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2217	ALL	750988.42	4038960.7	2.95E-07	70YrCancerDerived_InhSoilI	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2218	ALL	751088.42	4038960.7	2.77E-07	70YrCancerDerived_InhSoilI	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2219	ALL	751188.42	4038960.7	2.60E-07	70YrCancerDerived_InhSoilI	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2220	ALL	751288.42	4038960.7	2.45E-07	70YrCancerDerived_InhSoilI	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2221	ALL	751388.42	4038960.7	2.31E-07	70YrCancerDerived_InhSoilI	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2222	ALL	752788.42	4038960.7	1.21E-07	70YrCancerDerived_InhSoilI	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2223	ALL	752888.42	4038960.7	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2224	ALL	752988.42	4038960.7	1.12E-07	70YrCancerDerived_InhSoilI	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2225	ALL	753088.42	4038960.7	1.08E-07	70YrCancerDerived_InhSoilI	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2226	ALL	753188.42	4038960.7	1.05E-07	70YrCancerDerived_InhSoilI	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2227	ALL	753288.42	4038960.7	1.01E-07	70YrCancerDerived_InhSoilI	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2228	ALL	753388.42	4038960.7	9.81E-08	70YrCancerDerived_InhSoilI	9.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2229	ALL	753488.42	4038960.7	9.51E-08	70YrCancerDerived_InhSoilI	9.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2230	ALL	753588.42	4038960.7	9.22E-08	70YrCancerDerived_InhSoilI	9.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2231	ALL	753688.42	4038960.7	8.95E-08	70YrCancerDerived_InhSoilI	8.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2232	ALL	753788.42	4038960.7	8.70E-08	70YrCancerDerived_InhSoilI	8.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2233	ALL	753888.42	4038960.7	8.46E-08	70YrCancerDerived_InhSoilI	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2234	ALL	753988.42	4038960.7	8.22E-08	70YrCancerDerived_InhSoilI	8.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2235	ALL	754088.42	4038960.7	8.01E-08	70YrCancerDerived_InhSoilI	8.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2236	ALL	754188.42	4038960.7	7.80E-08	70YrCancerDerived_InhSoilI	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2237	ALL	754288.42	4038960.7	7.60E-08	70YrCancerDerived_InhSoilI	7.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2238	ALL	754388.42	4038960.7	7.41E-08	70YrCancerDerived_InhSoilI	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2239	ALL	754488.42	4038960.7	7.23E-08	70YrCancerDerived_InhSoilI	7.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2240	ALL	754588.42	4038960.7	7.05E-08	70YrCancerDerived_InhSoilI	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2241	ALL	754688.42	4038960.7	6.89E-08	70YrCancerDerived_InhSoilI	6.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2242	ALL	754788.42	4038960.7	6.73E-08	70YrCancerDerived_InhSoilI	6.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2243	ALL	754888.42	4038960.7	6.58E-08	70YrCancerDerived_InhSoilI	6.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2244	ALL	754988.42	4038960.7	6.43E-08	70YrCancerDerived_InhSoilI	6.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2245	ALL	755088.42	4038960.7	6.29E-08	70YrCancerDerived_InhSoilI	6.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2246	ALL	755188.42	4038960.7	6.16E-08	70YrCancerDerived_InhSoilI	6.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2247	ALL	755288.42	4038960.7	6.03E-08	70YrCancerDerived_InhSoilI	6.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2248	ALL	747788.42	4039060.7	7.91E-08	70YrCancerDerived_InhSoilI	7.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2249	ALL	747888.42	4039060.7	8.29E-08	70YrCancerDerived_InhSoilI	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2250	ALL	747988.42	4039060.7	8.95E-08	70YrCancerDerived_InhSoilI	8.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2251	ALL	748088.42	4039060.7	9.89E-08	70YrCancerDerived_InhSoilI	9.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2252	ALL	748188.42	4039060.7	1.08E-07	70YrCancerDerived_InhSoilI	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2253	ALL	749888.42	4039060.7	5.94E-07	70YrCancerDerived_InhSoilI	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2254	ALL	749988.42	4039060.7	5.68E-07	70YrCancerDerived_InhSoilI	5.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2255	ALL	750088.42	4039060.7	5.38E-07	70YrCancerDerived_InhSoilI	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2256	ALL	750188.42	4039060.7	5.05E-07	70YrCancerDerived_InhSoilI	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2257	ALL	750288.42	4039060.7	4.72E-07	70YrCancerDerived_InhSoilI	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2258	ALL	750388.42	4039060.7	4.40E-07	70YrCancerDerived_InhSoilI	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2259	ALL	750488.42	4039060.7	4.09E-07	70YrCancerDerived_InhSoilI	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2260	ALL	750588.42	4039060.7	3.80E-07	70YrCancerDerived_InhSoilI	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2261	ALL	750688.42	4039060.7	3.53E-07	70YrCancerDerived_InhSoilI	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2262	ALL	750788.42	4039060.7	3.29E-07	70YrCancerDerived_InhSoilI	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2263	ALL	750888.42	4039060.7	3.07E-07	70YrCancerDerived_InhSoilI	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2264	ALL	750988.42	4039060.7	2.86E-07	70YrCancerDerived_InhSoilI	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2265	ALL	751088.42	4039060.7	2.68E-07	70YrCancerDerived_InhSoilI	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2266	ALL	751188.42	4039060.7	2.52E-07	70YrCancerDerived_InhSoilI	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2267	ALL	751288.42	4039060.7	2.37E-07	70YrCancerDerived_InhSoilI	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2268	ALL	751388.42	4039060.7	2.23E-07	70YrCancerDerived_InhSoilI	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2269	ALL	752788.42	4039060.7	1.17E-07	70YrCancerDerived_InhSoilI	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2270	ALL	752888.42	4039060.7	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2271	ALL	752988.42	4039060.7	1.09E-07	70YrCancerDerived_InhSoilI	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2272	ALL	753088.42	4039060.7	1.05E-07	70YrCancerDerived_InhSoilI	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2273	ALL	753188.42	4039060.7	1.02E-07	70YrCancerDerived_InhSoilI	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2274	ALL	747788.42	4039160.7	8.14E-08	70YrCancerDerived_InhSoilI	8.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2275	ALL	747888.42	4039160.7	8.49E-08	70YrCancerDerived_InhSoilI	8.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2276	ALL	747988.42	4039160.7	9.11E-08	70YrCancerDerived_InhSoilI	9.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2277	ALL	748088.42	4039160.7	1.01E-07	70YrCancerDerived_InhSoilI	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2278	ALL	748188.42	4039160.7	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2279	ALL	749888.42	4039160.7	6.33E-07	70YrCancerDerived_InhSoilI	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2280	ALL	749988.42	4039160.7	5.94E-07	70YrCancerDerived_InhSoilI	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2281	ALL	750088.42	4039160.7	5.53E-07	70YrCancerDerived_InhSoilI	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2282	ALL	750188.42	4039160.7	5.12E-07	70YrCancerDerived_InhSoilI	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2283	ALL	750288.42	4039160.7	4.73E-07	70YrCancerDerived_InhSoilI	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2284	ALL	750388.42	4039160.7	4.36E-07	70YrCancerDerived_InhSoilI	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2285	ALL	750488.42	4039160.7	4.02E-07	70YrCancerDerived_InhSoilI	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2286	ALL	750588.42	4039160.7	3.71E-07	70YrCancerDerived_InhSoilI	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2287	ALL	750688.42	4039160.7	3.43E-07	70YrCancerDerived_InhSoilI	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2288	ALL	750788.42	4039160.7	3.19E-07	70YrCancerDerived_InhSoilI	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2289	ALL	750888.42	4039160.7	2.96E-07	70YrCancerDerived_InhSoilI	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2290	ALL	750988.42	4039160.7	2.77E-07	70YrCancerDerived_InhSoilI	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2291	ALL	751088.42	4039160.7	2.59E-07	70YrCancerDerived_InhSoilI	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2292	ALL	751188.42	4039160.7	2.43E-07	70YrCancerDerived_InhSoilI	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2293	ALL	751288.42	4039160.7	2.28E-07	70YrCancerDerived_InhSoilI	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2294	ALL	751388.42	4039160.7	2.15E-07	70YrCancerDerived_InhSoilI	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2295	ALL	752788.42	4039160.7	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2296	ALL	752888.42	4039160.7	1.09E-07	70YrCancerDerived_InhSoilI	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2297	ALL	752988.42	4039160.7	1.05E-07	70YrCancerDerived_InhSoilI	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2298	ALL	753088.42	4039160.7	1.02E-07	70YrCancerDerived_InhSoilI	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2299	ALL	753188.42	4039160.7	9.86E-08	70YrCancerDerived_InhSoilI	9.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300	ALL	747788.42	4039260.7	8.38E-08	70YrCancerDerived_InhSoilI	8.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2301	ALL	747888.42	4039260.7	8.75E-08	70YrCancerDerived_InhSoilI	8.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2302	ALL	747988.42	4039260.7	9.31E-08	70YrCancerDerived_InhSoilI	9.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2303	ALL	748088.42	4039260.7	1.03E-07	70YrCancerDerived_InhSoilI	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2304	ALL	748188.42	4039260.7	1.17E-07	70YrCancerDerived_InhSoilI	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2305	ALL	749888.42	4039260.7	6.61E-07	70YrCancerDerived_InhSoilI	6.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2306	ALL	749988.42	4039260.7	6.08E-07	70YrCancerDerived_InhSoilI	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2307	ALL	750088.42	4039260.7	5.57E-07	70YrCancerDerived_InhSoilI	5.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2308	ALL	750188.42	4039260.7	5.09E-07	70YrCancerDerived_InhSoilI	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2309	ALL	750288.42	4039260.7	4.65E-07	70YrCancerDerived_InhSoilI	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2310	ALL	750388.42	4039260.7	4.25E-07	70YrCancerDerived_InhSoilI	4.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2311	ALL	750488.42	4039260.7	3.90E-07	70YrCancerDerived_InhSoilI	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2312	ALL	750588.42	4039260.7	3.59E-07	70YrCancerDerived_InhSoilI	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2313	ALL	750688.42	4039260.7	3.31E-07	70YrCancerDerived_InhSoilI	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2314	ALL	750788.42	4039260.7	3.07E-07	70YrCancerDerived_InhSoilI	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2315	ALL	750888.42	4039260.7	2.85E-07	70YrCancerDerived_InhSoilI	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2316	ALL	750988.42	4039260.7	2.66E-07	70YrCancerDerived_InhSoilI	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2317	ALL	751088.42	4039260.7	2.48E-07	70YrCancerDerived_InhSoilI	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2318	ALL	751188.42	4039260.7	2.33E-07	70YrCancerDerived_InhSoilI	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2319	ALL	751288.42	4039260.7	2.19E-07	70YrCancerDerived_InhSoilI	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2320	ALL	751388.42	4039260.7	2.07E-07	70YrCancerDerived_InhSoilI	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2321	ALL	752788.42	4039260.7	1.09E-07	70YrCancerDerived_InhSoilI	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2322	ALL	752888.42	4039260.7	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2323	ALL	752988.42	4039260.7	1.02E-07	70YrCancerDerived_InhSoilI	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2324	ALL	753088.42	4039260.7	9.86E-08	70YrCancerDerived_InhSoilI	9.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2325	ALL	753188.42	4039260.7	9.54E-08	70YrCancerDerived_InhSoilI	9.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2326	ALL	747788.42	4039360.7	8.65E-08	70YrCancerDerived_InhSoilI	8.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2327	ALL	747888.42	4039360.7	9.06E-08	70YrCancerDerived_InhSoilI	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2328	ALL	747988.42	4039360.7	9.63E-08	70YrCancerDerived_InhSoilI	9.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2329	ALL	748088.42	4039360.7	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2330	ALL	748188.42	4039360.7	1.21E-07	70YrCancerDerived_InhSoilI	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2331	ALL	749888.42	4039360.7	6.71E-07	70YrCancerDerived_InhSoilI	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2332	ALL	749988.42	4039360.7	6.07E-07	70YrCancerDerived_InhSoilI	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2333	ALL	750088.42	4039360.7	5.48E-07	70YrCancerDerived_InhSoilI	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2334	ALL	750188.42	4039360.7	4.96E-07	70YrCancerDerived_InhSoilI	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2335	ALL	750288.42	4039360.7	4.50E-07	70YrCancerDerived_InhSoilI	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2336	ALL	750388.42	4039360.7	4.10E-07	70YrCancerDerived_InhSoilI	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2337	ALL	750488.42	4039360.7	3.74E-07	70YrCancerDerived_InhSoilI	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2338	ALL	750588.42	4039360.7	3.44E-07	70YrCancerDerived_InhSoilI	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2339	ALL	750688.42	4039360.7	3.17E-07	70YrCancerDerived_InhSoilI	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2340	ALL	750788.42	4039360.7	2.93E-07	70YrCancerDerived_InhSoilI	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2341	ALL	750888.42	4039360.7	2.72E-07	70YrCancerDerived_InhSoilI	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2342	ALL	750988.42	4039360.7	2.54E-07	70YrCancerDerived_InhSoilI	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2343	ALL	751088.42	4039360.7	2.37E-07	70YrCancerDerived_InhSoilI	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2344	ALL	751188.42	4039360.7	2.23E-07	70YrCancerDerived_InhSoilI	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2345	ALL	751288.42	4039360.7	2.10E-07	70YrCancerDerived_InhSoilI	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2346	ALL	751388.42	4039360.7	1.98E-07	70YrCancerDerived_InhSoilI	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2347	ALL	752788.42	4039360.7	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2348	ALL	752888.42	4039360.7	1.02E-07	70YrCancerDerived_InhSoilI	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2349	ALL	752988.42	4039360.7	9.86E-08	70YrCancerDerived_InhSoilI	9.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2350	ALL	753088.42	4039360.7	9.54E-08	70YrCancerDerived_InhSoilI	9.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2351	ALL	753188.42	4039360.7	9.23E-08	70YrCancerDerived_InhSoilI	9.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2352	ALL	747788.42	4039460.7	8.92E-08	70YrCancerDerived_InhSoilI	8.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2353	ALL	747888.42	4039460.7	9.44E-08	70YrCancerDerived_InhSoilI	9.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2354	ALL	747988.42	4039460.7	1.01E-07	70YrCancerDerived_InhSoilI	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2355	ALL	748088.42	4039460.7	1.10E-07	70YrCancerDerived_InhSoilI	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2356	ALL	748188.42	4039460.7	1.27E-07	70YrCancerDerived_InhSoilI	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2357	ALL	749888.42	4039460.7	6.62E-07	70YrCancerDerived_InhSoilI	6.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2358	ALL	749988.42	4039460.7	5.90E-07	70YrCancerDerived_InhSoilI	5.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2359	ALL	750088.42	4039460.7	5.28E-07	70YrCancerDerived_InhSoilI	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2360	ALL	750188.42	4039460.7	4.75E-07	70YrCancerDerived_InhSoilI	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2361	ALL	750288.42	4039460.7	4.29E-07	70YrCancerDerived_InhSoilI	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2362	ALL	750388.42	4039460.7	3.90E-07	70YrCancerDerived_InhSoilI	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2363	ALL	750488.42	4039460.7	3.56E-07	70YrCancerDerived_InhSoilI	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2364	ALL	750588.42	4039460.7	3.26E-07	70YrCancerDerived_InhSoilI	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2365	ALL	750688.42	4039460.7	3.01E-07	70YrCancerDerived_InhSoilI	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2366	ALL	750788.42	4039460.7	2.78E-07	70YrCancerDerived_InhSoilI	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2367	ALL	750888.42	4039460.7	2.58E-07	70YrCancerDerived_InhSoilI	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2368	ALL	750988.42	4039460.7	2.41E-07	70YrCancerDerived_InhSoilI	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2369	ALL	751088.42	4039460.7	2.25E-07	70YrCancerDerived_InhSoilI	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2370	ALL	751188.42	4039460.7	2.12E-07	70YrCancerDerived_InhSoilI	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2371	ALL	751288.42	4039460.7	1.99E-07	70YrCancerDerived_InhSoilI	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2372	ALL	751388.42	4039460.7	1.88E-07	70YrCancerDerived_InhSoilI	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2373	ALL	752788.42	4039460.7	1.02E-07	70YrCancerDerived_InhSoilI	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2374	ALL	752888.42	4039460.7	9.83E-08	70YrCancerDerived_InhSoilI	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2375	ALL	752988.42	4039460.7	9.51E-08	70YrCancerDerived_InhSoilI	9.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2376	ALL	753088.42	4039460.7	9.20E-08	70YrCancerDerived_InhSoilI	9.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2377	ALL	753188.42	4039460.7	8.91E-08	70YrCancerDerived_InhSoilI	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2378	ALL	747788.42	4039560.7	9.13E-08	70YrCancerDerived_InhSoilI	9.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2379	ALL	747888.42	4039560.7	9.84E-08	70YrCancerDerived_InhSoilI	9.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2380	ALL	747988.42	4039560.7	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2381	ALL	748088.42	4039560.7	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2382	ALL	748188.42	4039560.7	1.33E-07	70YrCancerDerived_InhSoilI	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2383	ALL	749888.42	4039560.7	6.35E-07	70YrCancerDerived_InhSoilI	6.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2384	ALL	749988.42	4039560.7	5.62E-07	70YrCancerDerived_InhSoilI	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2385	ALL	750088.42	4039560.7	5.00E-07	70YrCancerDerived_InhSoilI	5.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2386	ALL	750188.42	4039560.7	4.48E-07	70YrCancerDerived_InhSoilI	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2387	ALL	750288.42	4039560.7	4.05E-07	70YrCancerDerived_InhSoilI	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2388	ALL	750388.42	4039560.7	3.67E-07	70YrCancerDerived_InhSoilI	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2389	ALL	750488.42	4039560.7	3.35E-07	70YrCancerDerived_InhSoilI	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2390	ALL	750588.42	4039560.7	3.07E-07	70YrCancerDerived_InhSoilI	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2391	ALL	750688.42	4039560.7	2.83E-07	70YrCancerDerived_InhSoilI	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2392	ALL	750788.42	4039560.7	2.62E-07	70YrCancerDerived_InhSoilI	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2393	ALL	750888.42	4039560.7	2.44E-07	70YrCancerDerived_InhSoilI	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2394	ALL	750988.42	4039560.7	2.27E-07	70YrCancerDerived_InhSoilI	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2395	ALL	751088.42	4039560.7	2.13E-07	70YrCancerDerived_InhSoilI	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2396	ALL	751188.42	4039560.7	2.00E-07	70YrCancerDerived_InhSoilI	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2397	ALL	751288.42	4039560.7	1.89E-07	70YrCancerDerived_InhSoilI	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2398	ALL	751388.42	4039560.7	1.78E-07	70YrCancerDerived_InhSoilI	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2399	ALL	752788.42	4039560.7	9.79E-08	70YrCancerDerived_InhSoilI	9.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2400	ALL	752888.42	4039560.7	9.46E-08	70YrCancerDerived_InhSoilI	9.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2401	ALL	752988.42	4039560.7	9.16E-08	70YrCancerDerived_InhSoilI	9.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2402	ALL	753088.42	4039560.7	8.87E-08	70YrCancerDerived_InhSoilI	8.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2403	ALL	753188.42	4039560.7	8.60E-08	70YrCancerDerived_InhSoilI	8.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2404	ALL	746288.42	4039660.7	6.94E-08	70YrCancerDerived_InhSoilI	6.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2405	ALL	746388.42	4039660.7	6.96E-08	70YrCancerDerived_InhSoilI	6.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2406	ALL	746488.42	4039660.7	6.98E-08	70YrCancerDerived_InhSoilI	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2407	ALL	746588.42	4039660.7	7.01E-08	70YrCancerDerived_InhSoilI	7.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2408	ALL	746688.42	4039660.7	7.04E-08	70YrCancerDerived_InhSoilI	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2409	ALL	746788.42	4039660.7	7.07E-08	70YrCancerDerived_InhSoilI	7.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2410	ALL	746888.42	4039660.7	7.10E-08	70YrCancerDerived_InhSoilI	7.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2411	ALL	746988.42	4039660.7	7.15E-08	70YrCancerDerived_InhSoilI	7.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2412	ALL	747088.42	4039660.7	7.23E-08	70YrCancerDerived_InhSoilI	7.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2413	ALL	747188.42	4039660.7	7.34E-08	70YrCancerDerived_InhSoilI	7.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2414	ALL	747288.42	4039660.7	7.49E-08	70YrCancerDerived_InhSoilI	7.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2415	ALL	747388.42	4039660.7	7.68E-08	70YrCancerDerived_InhSoilI	7.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2416	ALL	747488.42	4039660.7	7.92E-08	70YrCancerDerived_InhSoilI	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2417	ALL	747588.42	4039660.7	8.24E-08	70YrCancerDerived_InhSoilI	8.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2418	ALL	747688.42	4039660.7	8.69E-08	70YrCancerDerived_InhSoilI	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2419	ALL	747788.42	4039660.7	9.31E-08	70YrCancerDerived_InhSoilI	9.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2420	ALL	747888.42	4039660.7	1.02E-07	70YrCancerDerived_InhSoilI	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2421	ALL	747988.42	4039660.7	1.12E-07	70YrCancerDerived_InhSoilI	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2422	ALL	748088.42	4039660.7	1.25E-07	70YrCancerDerived_InhSoilI	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2423	ALL	748188.42	4039660.7	1.42E-07	70YrCancerDerived_InhSoilI	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2424	ALL	749888.42	4039660.7	5.95E-07	70YrCancerDerived_InhSoilI	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2425	ALL	749988.42	4039660.7	5.24E-07	70YrCancerDerived_InhSoilI	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2426	ALL	750088.42	4039660.7	4.66E-07	70YrCancerDerived_InhSoilI	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2427	ALL	750188.42	4039660.7	4.18E-07	70YrCancerDerived_InhSoilI	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2428	ALL	750288.42	4039660.7	3.77E-07	70YrCancerDerived_InhSoilI	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2429	ALL	750388.42	4039660.7	3.42E-07	70YrCancerDerived_InhSoilI	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2430	ALL	750488.42	4039660.7	3.12E-07	70YrCancerDerived_InhSoilI	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2431	ALL	750588.42	4039660.7	2.87E-07	70YrCancerDerived_InhSoilI	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2432	ALL	750688.42	4039660.7	2.65E-07	70YrCancerDerived_InhSoilI	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2433	ALL	750788.42	4039660.7	2.45E-07	70YrCancerDerived_InhSoilI	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2434	ALL	750888.42	4039660.7	2.28E-07	70YrCancerDerived_InhSoilI	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2435	ALL	750988.42	4039660.7	2.13E-07	70YrCancerDerived_InhSoilI	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2436	ALL	751088.42	4039660.7	2.00E-07	70YrCancerDerived_InhSoilI	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2437	ALL	751188.42	4039660.7	1.88E-07	70YrCancerDerived_InhSoilI	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2438	ALL	751288.42	4039660.7	1.77E-07	70YrCancerDerived_InhSoilI	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2439	ALL	751388.42	4039660.7	1.68E-07	70YrCancerDerived_InhSoilI	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2440	ALL	752788.42	4039660.7	9.39E-08	70YrCancerDerived_InhSoilI	9.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2441	ALL	752888.42	4039660.7	9.09E-08	70YrCancerDerived_InhSoilI	9.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2442	ALL	752988.42	4039660.7	8.80E-08	70YrCancerDerived_InhSoilI	8.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2443	ALL	753088.42	4039660.7	8.53E-08	70YrCancerDerived_InhSoilI	8.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2444	ALL	753188.42	4039660.7	8.28E-08	70YrCancerDerived_InhSoilI	8.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2445	ALL	746288.42	4039760.7	7.04E-08	70YrCancerDerived_InhSoilI	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2446	ALL	746388.42	4039760.7	7.08E-08	70YrCancerDerived_InhSoilI	7.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2447	ALL	746488.42	4039760.7	7.14E-08	70YrCancerDerived_InhSoilI	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2448	ALL	746588.42	4039760.7	7.19E-08	70YrCancerDerived_InhSoilI	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2449	ALL	746688.42	4039760.7	7.24E-08	70YrCancerDerived_InhSoilI	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2450	ALL	746788.42	4039760.7	7.29E-08	70YrCancerDerived_InhSoilI	7.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2451	ALL	746888.42	4039760.7	7.33E-08	70YrCancerDerived_InhSoilI	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2452	ALL	746988.42	4039760.7	7.38E-08	70YrCancerDerived_InhSoilI	7.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2453	ALL	747088.42	4039760.7	7.46E-08	70YrCancerDerived_InhSoilI	7.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2454	ALL	747188.42	4039760.7	7.57E-08	70YrCancerDerived_InhSoilI	7.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2455	ALL	747288.42	4039760.7	7.72E-08	70YrCancerDerived_InhSoilI	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2456	ALL	747388.42	4039760.7	7.91E-08	70YrCancerDerived_InhSoilI	7.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2457	ALL	747488.42	4039760.7	8.17E-08	70YrCancerDerived_InhSoilI	8.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2458	ALL	747588.42	4039760.7	8.51E-08	70YrCancerDerived_InhSoilI	8.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2459	ALL	747688.42	4039760.7	8.98E-08	70YrCancerDerived_InhSoilI	8.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2460	ALL	747788.42	4039760.7	9.62E-08	70YrCancerDerived_InhSoilI	9.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2461	ALL	747888.42	4039760.7	1.05E-07	70YrCancerDerived_InhSoilI	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2462	ALL	747988.42	4039760.7	1.18E-07	70YrCancerDerived_InhSoilI	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2463	ALL	748088.42	4039760.7	1.36E-07	70YrCancerDerived_InhSoilI	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2464	ALL	748188.42	4039760.7	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2465	ALL	749888.42	4039760.7	5.45E-07	70YrCancerDerived_InhSoilI	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2466	ALL	749988.42	4039760.7	4.81E-07	70YrCancerDerived_InhSoilI	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2467	ALL	750088.42	4039760.7	4.28E-07	70YrCancerDerived_InhSoilI	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2468	ALL	750188.42	4039760.7	3.83E-07	70YrCancerDerived_InhSoilI	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2469	ALL	750288.42	4039760.7	3.46E-07	70YrCancerDerived_InhSoilI	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2470	ALL	750388.42	4039760.7	3.15E-07	70YrCancerDerived_InhSoilI	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2471	ALL	750488.42	4039760.7	2.88E-07	70YrCancerDerived_InhSoilI	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2472	ALL	750588.42	4039760.7	2.65E-07	70YrCancerDerived_InhSoilI	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2473	ALL	750688.42	4039760.7	2.45E-07	70YrCancerDerived_InhSoilI	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2474	ALL	750788.42	4039760.7	2.27E-07	70YrCancerDerived_InhSoilI	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2475	ALL	750888.42	4039760.7	2.12E-07	70YrCancerDerived_InhSoilI	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2476	ALL	750988.42	4039760.7	1.98E-07	70YrCancerDerived_InhSoilI	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2477	ALL	751088.42	4039760.7	1.86E-07	70YrCancerDerived_InhSoilI	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2478	ALL	751188.42	4039760.7	1.76E-07	70YrCancerDerived_InhSoilI	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2479	ALL	751288.42	4039760.7	1.66E-07	70YrCancerDerived_InhSoilI	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2480	ALL	751388.42	4039760.7	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2481	ALL	752788.42	4039760.7	9.00E-08	70YrCancerDerived_InhSoilI	9.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2482	ALL	752888.42	4039760.7	8.72E-08	70YrCancerDerived_InhSoilI	8.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2483	ALL	752988.42	4039760.7	8.45E-08	70YrCancerDerived_InhSoilI	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2484	ALL	753088.42	4039760.7	8.20E-08	70YrCancerDerived_InhSoilI	8.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2485	ALL	753188.42	4039760.7	7.97E-08	70YrCancerDerived_InhSoilI	7.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2486	ALL	746588.42	4039860.7	7.33E-08	70YrCancerDerived_InhSoilI	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2487	ALL	746688.42	4039860.7	7.42E-08	70YrCancerDerived_InhSoilI	7.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2488	ALL	746788.42	4039860.7	7.51E-08	70YrCancerDerived_InhSoilI	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2489	ALL	746888.42	4039860.7	7.59E-08	70YrCancerDerived_InhSoilI	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2490	ALL	746988.42	4039860.7	7.68E-08	70YrCancerDerived_InhSoilI	7.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2491	ALL	747088.42	4039860.7	7.79E-08	70YrCancerDerived_InhSoilI	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2492	ALL	747188.42	4039860.7	7.92E-08	70YrCancerDerived_InhSoilI	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2493	ALL	747288.42	4039860.7	8.08E-08	70YrCancerDerived_InhSoilI	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2494	ALL	747388.42	4039860.7	8.27E-08	70YrCancerDerived_InhSoilI	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2495	ALL	747488.42	4039860.7	8.51E-08	70YrCancerDerived_InhSoilI	8.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2496	ALL	747588.42	4039860.7	8.86E-08	70YrCancerDerived_InhSoilI	8.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2497	ALL	747688.42	4039860.7	9.37E-08	70YrCancerDerived_InhSoilI	9.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2498	ALL	747788.42	4039860.7	1.01E-07	70YrCancerDerived_InhSoilI	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2499	ALL	747888.42	4039860.7	1.11E-07	70YrCancerDerived_InhSoilI	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2500	ALL	747988.42	4039860.7	1.26E-07	70YrCancerDerived_InhSoilI	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2501	ALL	748088.42	4039860.7	1.48E-07	70YrCancerDerived_InhSoilI	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2502	ALL	749888.42	4039860.7	4.89E-07	70YrCancerDerived_InhSoilI	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2503	ALL	749988.42	4039860.7	4.32E-07	70YrCancerDerived_InhSoilI	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2504	ALL	750088.42	4039860.7	3.85E-07	70YrCancerDerived_InhSoilI	3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2505	ALL	750188.42	4039860.7	3.46E-07	70YrCancerDerived_InhSoilI	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2506	ALL	750288.42	4039860.7	3.13E-07	70YrCancerDerived_InhSoilI	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2507	ALL	750388.42	4039860.7	2.85E-07	70YrCancerDerived_InhSoilI	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2508	ALL	750488.42	4039860.7	2.62E-07	70YrCancerDerived_InhSoilI	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2509	ALL	750588.42	4039860.7	2.41E-07	70YrCancerDerived_InhSoilI	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2510	ALL	750688.42	4039860.7	2.24E-07	70YrCancerDerived_InhSoilI	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2511	ALL	750788.42	4039860.7	2.08E-07	70YrCancerDerived_InhSoilI	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2512	ALL	750888.42	4039860.7	1.95E-07	70YrCancerDerived_InhSoilI	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2513	ALL	750988.42	4039860.7	1.83E-07	70YrCancerDerived_InhSoilI	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2514	ALL	751088.42	4039860.7	1.72E-07	70YrCancerDerived_InhSoilI	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2515	ALL	751188.42	4039860.7	1.63E-07	70YrCancerDerived_InhSoilI	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2516	ALL	751288.42	4039860.7	1.54E-07	70YrCancerDerived_InhSoilI	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2517	ALL	751388.42	4039860.7	1.47E-07	70YrCancerDerived_InhSoilI	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2518	ALL	752788.42	4039860.7	8.61E-08	70YrCancerDerived_InhSoilI	8.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2519	ALL	752888.42	4039860.7	8.35E-08	70YrCancerDerived_InhSoilI	8.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2520	ALL	752988.42	4039860.7	8.11E-08	70YrCancerDerived_InhSoilI	8.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2521	ALL	753088.42	4039860.7	7.88E-08	70YrCancerDerived_InhSoilI	7.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2522	ALL	753188.42	4039860.7	7.66E-08	70YrCancerDerived_InhSoilI	7.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2523	ALL	749888.42	4039960.7	4.27E-07	70YrCancerDerived_InhSoilI	4.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2524	ALL	749988.42	4039960.7	3.79E-07	70YrCancerDerived_InhSoilI	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2525	ALL	750088.42	4039960.7	3.39E-07	70YrCancerDerived_InhSoilI	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2526	ALL	750188.42	4039960.7	3.06E-07	70YrCancerDerived_InhSoilI	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2527	ALL	750288.42	4039960.7	2.78E-07	70YrCancerDerived_InhSoilI	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2528	ALL	750388.42	4039960.7	2.55E-07	70YrCancerDerived_InhSoilI	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2529	ALL	750488.42	4039960.7	2.35E-07	70YrCancerDerived_InhSoilI	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2530	ALL	750588.42	4039960.7	2.18E-07	70YrCancerDerived_InhSoilI	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2531	ALL	750688.42	4039960.7	2.03E-07	70YrCancerDerived_InhSoilI	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2532	ALL	750788.42	4039960.7	1.90E-07	70YrCancerDerived_InhSoilI	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2533	ALL	750888.42	4039960.7	1.78E-07	70YrCancerDerived_InhSoilI	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2534	ALL	750988.42	4039960.7	1.68E-07	70YrCancerDerived_InhSoilI	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2535	ALL	751088.42	4039960.7	1.59E-07	70YrCancerDerived_InhSoilI	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2536	ALL	751188.42	4039960.7	1.50E-07	70YrCancerDerived_InhSoilI	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2537	ALL	751288.42	4039960.7	1.43E-07	70YrCancerDerived_InhSoilI	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2538	ALL	751388.42	4039960.7	1.37E-07	70YrCancerDerived_InhSoilI	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2539	ALL	752788.42	4039960.7	8.23E-08	70YrCancerDerived_InhSoilI	8.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2540	ALL	752888.42	4039960.7	8.00E-08	70YrCancerDerived_InhSoilI	8.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2541	ALL	752988.42	4039960.7	7.78E-08	70YrCancerDerived_InhSoilI	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2542	ALL	753088.42	4039960.7	7.57E-08	70YrCancerDerived_InhSoilI	7.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2543	ALL	753188.42	4039960.7	7.37E-08	70YrCancerDerived_InhSoilI	7.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2544	ALL	746288.42	4040060.7	7.30E-08	70YrCancerDerived_InhSoilI	7.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2545	ALL	746388.42	4040060.7	7.40E-08	70YrCancerDerived_InhSoilI	7.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2546	ALL	746488.42	4040060.7	7.52E-08	70YrCancerDerived_InhSoilI	7.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2547	ALL	752788.42	4040060.7	7.86E-08	70YrCancerDerived_InhSoilI	7.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2548	ALL	752888.42	4040060.7	7.66E-08	70YrCancerDerived_InhSoilI	7.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2549	ALL	752988.42	4040060.7	7.46E-08	70YrCancerDerived_InhSoilI	7.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2550	ALL	753088.42	4040060.7	7.27E-08	70YrCancerDerived_InhSoilI	7.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2551	ALL	753188.42	4040060.7	7.08E-08	70YrCancerDerived_InhSoilI	7.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2552	ALL	746288.42	4040160.7	7.51E-08	70YrCancerDerived_InhSoilI	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2553	ALL	746388.42	4040160.7	7.64E-08	70YrCancerDerived_InhSoilI	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2554	ALL	746488.42	4040160.7	7.79E-08	70YrCancerDerived_InhSoilI	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2555	ALL	751488.42	4040160.7	1.12E-07	70YrCancerDerived_InhSoilI	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2556	ALL	751588.42	4040160.7	1.08E-07	70YrCancerDerived_InhSoilI	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2557	ALL	751688.42	4040160.7	1.04E-07	70YrCancerDerived_InhSoilI	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2558	ALL	751788.42	4040160.7	1.00E-07	70YrCancerDerived_InhSoilI	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2559	ALL	751888.42	4040160.7	9.71E-08	70YrCancerDerived_InhSoilI	9.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2560	ALL	751988.42	4040160.7	9.40E-08	70YrCancerDerived_InhSoilI	9.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2561	ALL	752088.42	4040160.7	9.11E-08	70YrCancerDerived_InhSoilI	9.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2562	ALL	752188.42	4040160.7	8.84E-08	70YrCancerDerived_InhSoilI	8.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2563	ALL	752288.42	4040160.7	8.58E-08	70YrCancerDerived_InhSoilI	8.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2564	ALL	752388.42	4040160.7	8.35E-08	70YrCancerDerived_InhSoilI	8.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2565	ALL	752488.42	4040160.7	8.13E-08	70YrCancerDerived_InhSoilI	8.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2566	ALL	752588.42	4040160.7	7.92E-08	70YrCancerDerived_InhSoilI	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2567	ALL	752688.42	4040160.7	7.71E-08	70YrCancerDerived_InhSoilI	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2568	ALL	752788.42	4040160.7	7.51E-08	70YrCancerDerived_InhSoilI	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2569	ALL	752888.42	4040160.7	7.32E-08	70YrCancerDerived_InhSoilI	7.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2570	ALL	752988.42	4040160.7	7.14E-08	70YrCancerDerived_InhSoilI	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2571	ALL	753088.42	4040160.7	6.97E-08	70YrCancerDerived_InhSoilI	6.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2572	ALL	753188.42	4040160.7	6.81E-08	70YrCancerDerived_InhSoilI	6.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2573	ALL	746288.42	4040260.7	7.73E-08	70YrCancerDerived_InhSoilI	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2574	ALL	746388.42	4040260.7	7.89E-08	70YrCancerDerived_InhSoilI	7.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2575	ALL	746488.42	4040260.7	8.08E-08	70YrCancerDerived_InhSoilI	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2576	ALL	751488.42	4040260.7	1.04E-07	70YrCancerDerived_InhSoilI	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2577	ALL	751588.42	4040260.7	1.00E-07	70YrCancerDerived_InhSoilI	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2578	ALL	751688.42	4040260.7	9.69E-08	70YrCancerDerived_InhSoilI	9.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2579	ALL	751788.42	4040260.7	9.39E-08	70YrCancerDerived_InhSoilI	9.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2580	ALL	751888.42	4040260.7	9.10E-08	70YrCancerDerived_InhSoilI	9.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2581	ALL	751988.42	4040260.7	8.83E-08	70YrCancerDerived_InhSoilI	8.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2582	ALL	752088.42	4040260.7	8.58E-08	70YrCancerDerived_InhSoilI	8.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2583	ALL	752188.42	4040260.7	8.34E-08	70YrCancerDerived_InhSoilI	8.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2584	ALL	752288.42	4040260.7	8.12E-08	70YrCancerDerived_InhSoilI	8.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2585	ALL	752388.42	4040260.7	7.92E-08	70YrCancerDerived_InhSoilI	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2586	ALL	752488.42	4040260.7	7.72E-08	70YrCancerDerived_InhSoilI	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2587	ALL	752588.42	4040260.7	7.53E-08	70YrCancerDerived_InhSoilI	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2588	ALL	752688.42	4040260.7	7.35E-08	70YrCancerDerived_InhSoilI	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2589	ALL	752788.42	4040260.7	7.17E-08	70YrCancerDerived_InhSoilI	7.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2590	ALL	752888.42	4040260.7	7.01E-08	70YrCancerDerived_InhSoilI	7.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2591	ALL	752988.42	4040260.7	6.85E-08	70YrCancerDerived_InhSoilI	6.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2592	ALL	753088.42	4040260.7	6.69E-08	70YrCancerDerived_InhSoilI	6.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2593	ALL	753188.42	4040260.7	6.55E-08	70YrCancerDerived_InhSoilI	6.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2594	ALL	746288.42	4040360.7	7.93E-08	70YrCancerDerived_InhSoilI	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2595	ALL	746388.42	4040360.7	8.12E-08	70YrCancerDerived_InhSoilI	8.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2596	ALL	751488.42	4040360.7	9.60E-08	70YrCancerDerived_InhSoilI	9.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2597	ALL	751588.42	4040360.7	9.31E-08	70YrCancerDerived_InhSoilI	9.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2598	ALL	751688.42	4040360.7	9.03E-08	70YrCancerDerived_InhSoilI	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2599	ALL	751788.42	4040360.7	8.77E-08	70YrCancerDerived_InhSoilI	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2600	ALL	751888.42	4040360.7	8.52E-08	70YrCancerDerived_InhSoilI	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2601	ALL	751988.42	4040360.7	8.29E-08	70YrCancerDerived_InhSoilI	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2602	ALL	752088.42	4040360.7	8.08E-08	70YrCancerDerived_InhSoilI	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2603	ALL	752188.42	4040360.7	7.87E-08	70YrCancerDerived_InhSoilI	7.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2604	ALL	752288.42	4040360.7	7.68E-08	70YrCancerDerived_InhSoilI	7.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2605	ALL	752388.42	4040360.7	7.50E-08	70YrCancerDerived_InhSoilI	7.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2606	ALL	752488.42	4040360.7	7.33E-08	70YrCancerDerived_InhSoilI	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2607	ALL	752588.42	4040360.7	7.16E-08	70YrCancerDerived_InhSoilI	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2608	ALL	752688.42	4040360.7	7.00E-08	70YrCancerDerived_InhSoilI	7.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2609	ALL	752788.42	4040360.7	6.84E-08	70YrCancerDerived_InhSoilI	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2610	ALL	752888.42	4040360.7	6.70E-08	70YrCancerDerived_InhSoilI	6.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2611	ALL	752988.42	4040360.7	6.55E-08	70YrCancerDerived_InhSoilI	6.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2612	ALL	753088.42	4040360.7	6.41E-08	70YrCancerDerived_InhSoilI	6.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2613	ALL	753188.42	4040360.7	6.28E-08	70YrCancerDerived_InhSoilI	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2614	ALL	746288.42	4040460.7	8.08E-08	70YrCancerDerived_InhSoilI	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2615	ALL	746388.42	4040460.7	8.30E-08	70YrCancerDerived_InhSoilI	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2616	ALL	751488.42	4040460.7	8.88E-08	70YrCancerDerived_InhSoilI	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2617	ALL	751588.42	4040460.7	8.63E-08	70YrCancerDerived_InhSoilI	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2618	ALL	751688.42	4040460.7	8.40E-08	70YrCancerDerived_InhSoilI	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2619	ALL	751788.42	4040460.7	8.19E-08	70YrCancerDerived_InhSoilI	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2620	ALL	751888.42	4040460.7	7.98E-08	70YrCancerDerived_InhSoilI	7.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2621	ALL	751988.42	4040460.7	7.78E-08	70YrCancerDerived_InhSoilI	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2622	ALL	752088.42	4040460.7	7.60E-08	70YrCancerDerived_InhSoilI	7.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2623	ALL	752188.42	4040460.7	7.42E-08	70YrCancerDerived_InhSoilI	7.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2624	ALL	752288.42	4040460.7	7.26E-08	70YrCancerDerived_InhSoilI	7.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2625	ALL	752388.42	4040460.7	7.10E-08	70YrCancerDerived_InhSoilI	7.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2626	ALL	752488.42	4040460.7	6.95E-08	70YrCancerDerived_InhSoilI	6.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2627	ALL	752588.42	4040460.7	6.81E-08	70YrCancerDerived_InhSoilI	6.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2628	ALL	752688.42	4040460.7	6.66E-08	70YrCancerDerived_InhSoilI	6.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2629	ALL	752788.42	4040460.7	6.52E-08	70YrCancerDerived_InhSoilI	6.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2630	ALL	752888.42	4040460.7	6.39E-08	70YrCancerDerived_InhSoilI	6.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2631	ALL	752988.42	4040460.7	6.26E-08	70YrCancerDerived_InhSoilI	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2632	ALL	753088.42	4040460.7	6.14E-08	70YrCancerDerived_InhSoilI	6.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2633	ALL	753188.42	4040460.7	6.02E-08	70YrCancerDerived_InhSoilI	6.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2634	ALL	746288.42	4040560.7	8.18E-08	70YrCancerDerived_InhSoilI	8.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2635	ALL	746388.42	4040560.7	8.42E-08	70YrCancerDerived_InhSoilI	8.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2636	ALL	751488.42	4040560.7	8.20E-08	70YrCancerDerived_InhSoilI	8.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2637	ALL	751588.42	4040560.7	8.00E-08	70YrCancerDerived_InhSoilI	8.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2638	ALL	751688.42	4040560.7	7.81E-08	70YrCancerDerived_InhSoilI	7.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2639	ALL	751788.42	4040560.7	7.63E-08	70YrCancerDerived_InhSoilI	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2640	ALL	751888.42	4040560.7	7.46E-08	70YrCancerDerived_InhSoilI	7.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2641	ALL	751988.42	4040560.7	7.30E-08	70YrCancerDerived_InhSoilI	7.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2642	ALL	752088.42	4040560.7	7.14E-08	70YrCancerDerived_InhSoilI	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2643	ALL	752188.42	4040560.7	6.99E-08	70YrCancerDerived_InhSoilI	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2644	ALL	752288.42	4040560.7	6.85E-08	70YrCancerDerived_InhSoilI	6.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2645	ALL	752388.42	4040560.7	6.72E-08	70YrCancerDerived_InhSoilI	6.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2646	ALL	752488.42	4040560.7	6.59E-08	70YrCancerDerived_InhSoilI	6.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2647	ALL	752588.42	4040560.7	6.46E-08	70YrCancerDerived_InhSoilI	6.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2648	ALL	752688.42	4040560.7	6.33E-08	70YrCancerDerived_InhSoilI	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2649	ALL	752788.42	4040560.7	6.21E-08	70YrCancerDerived_InhSoilI	6.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2650	ALL	752888.42	4040560.7	6.10E-08	70YrCancerDerived_InhSoilI	6.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2651	ALL	752988.42	4040560.7	5.98E-08	70YrCancerDerived_InhSoilI	5.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2652	ALL	753088.42	4040560.7	5.88E-08	70YrCancerDerived_InhSoilI	5.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2653	ALL	753188.42	4040560.7	5.77E-08	70YrCancerDerived_InhSoilI	5.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2654	ALL	746288.42	4040660.7	8.28E-08	70YrCancerDerived_InhSoilI	8.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2655	ALL	746388.42	4040660.7	8.56E-08	70YrCancerDerived_InhSoilI	8.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2656	ALL	746488.42	4040660.7	8.88E-08	70YrCancerDerived_InhSoilI	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2657	ALL	751388.42	4040660.7	7.75E-08	70YrCancerDerived_InhSoilI	7.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2658	ALL	751488.42	4040660.7	7.58E-08	70YrCancerDerived_InhSoilI	7.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2659	ALL	751588.42	4040660.7	7.42E-08	70YrCancerDerived_InhSoilI	7.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2660	ALL	751688.42	4040660.7	7.27E-08	70YrCancerDerived_InhSoilI	7.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2661	ALL	751788.42	4040660.7	7.12E-08	70YrCancerDerived_InhSoilI	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2662	ALL	751888.42	4040660.7	6.98E-08	70YrCancerDerived_InhSoilI	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2663	ALL	751988.42	4040660.7	6.84E-08	70YrCancerDerived_InhSoilI	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2664	ALL	752088.42	4040660.7	6.71E-08	70YrCancerDerived_InhSoilI	6.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2665	ALL	746288.42	4040760.7	8.45E-08	70YrCancerDerived_InhSoilI	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2666	ALL	746388.42	4040760.7	8.78E-08	70YrCancerDerived_InhSoilI	8.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2667	ALL	746488.42	4040760.7	9.16E-08	70YrCancerDerived_InhSoilI	9.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2668	ALL	751388.42	4040760.7	7.15E-08	70YrCancerDerived_InhSoilI	7.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2669	ALL	751488.42	4040760.7	7.02E-08	70YrCancerDerived_InhSoilI	7.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2670	ALL	751588.42	4040760.7	6.89E-08	70YrCancerDerived_InhSoilI	6.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2671	ALL	751688.42	4040760.7	6.77E-08	70YrCancerDerived_InhSoilI	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2672	ALL	751788.42	4040760.7	6.65E-08	70YrCancerDerived_InhSoilI	6.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2673	ALL	751888.42	4040760.7	6.53E-08	70YrCancerDerived_InhSoilI	6.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2674	ALL	751988.42	4040760.7	6.42E-08	70YrCancerDerived_InhSoilI	6.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2675	ALL	752088.42	4040760.7	6.31E-08	70YrCancerDerived_InhSoilI	6.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2676	ALL	746288.42	4040860.7	8.72E-08	70YrCancerDerived_InhSoilI	8.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2677	ALL	746388.42	4040860.7	9.10E-08	70YrCancerDerived_InhSoilI	9.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2678	ALL	746488.42	4040860.7	9.55E-08	70YrCancerDerived_InhSoilI	9.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2679	ALL	751388.42	4040860.7	6.63E-08	70YrCancerDerived_InhSoilI	6.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2680	ALL	751488.42	4040860.7	6.53E-08	70YrCancerDerived_InhSoilI	6.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2681	ALL	751588.42	4040860.7	6.42E-08	70YrCancerDerived_InhSoilI	6.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2682	ALL	751688.42	4040860.7	6.32E-08	70YrCancerDerived_InhSoilI	6.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2683	ALL	751788.42	4040860.7	6.22E-08	70YrCancerDerived_InhSoilI	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2684	ALL	751888.42	4040860.7	6.12E-08	70YrCancerDerived_InhSoilI	6.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2685	ALL	751988.42	4040860.7	6.03E-08	70YrCancerDerived_InhSoilI	6.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2686	ALL	752088.42	4040860.7	5.94E-08	70YrCancerDerived_InhSoilI	5.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2687	ALL	746288.42	4040960.7	9.03E-08	70YrCancerDerived_InhSoilI	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2688	ALL	746388.42	4040960.7	9.47E-08	70YrCancerDerived_InhSoilI	9.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2689	ALL	746488.42	4040960.7	9.99E-08	70YrCancerDerived_InhSoilI	9.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2690	ALL	751388.42	4040960.7	6.17E-08	70YrCancerDerived_InhSoilI	6.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2691	ALL	751488.42	4040960.7	6.09E-08	70YrCancerDerived_InhSoilI	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2692	ALL	751588.42	4040960.7	6.00E-08	70YrCancerDerived_InhSoilI	6.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2693	ALL	751688.42	4040960.7	5.92E-08	70YrCancerDerived_InhSoilI	5.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2694	ALL	751788.42	4040960.7	5.84E-08	70YrCancerDerived_InhSoilI	5.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2695	ALL	751888.42	4040960.7	5.76E-08	70YrCancerDerived_InhSoilI	5.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2696	ALL	751988.42	4040960.7	5.68E-08	70YrCancerDerived_InhSoilI	5.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2697	ALL	752088.42	4040960.7	5.61E-08	70YrCancerDerived_InhSoilI	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2698	ALL	746288.42	4041060.7	9.37E-08	70YrCancerDerived_InhSoilI	9.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2699	ALL	746388.42	4041060.7	9.88E-08	70YrCancerDerived_InhSoilI	9.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2700	ALL	746488.42	4041060.7	1.05E-07	70YrCancerDerived_InhSoilI	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2701	ALL	751388.42	4041060.7	5.79E-08	70YrCancerDerived_InhSoilI	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2702	ALL	751488.42	4041060.7	5.71E-08	70YrCancerDerived_InhSoilI	5.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2703	ALL	751588.42	4041060.7	5.64E-08	70YrCancerDerived_InhSoilI	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2704	ALL	751688.42	4041060.7	5.57E-08	70YrCancerDerived_InhSoilI	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2705	ALL	751788.42	4041060.7	5.51E-08	70YrCancerDerived_InhSoilI	5.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2706	ALL	751888.42	4041060.7	5.44E-08	70YrCancerDerived_InhSoilI	5.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2707	ALL	751988.42	4041060.7	5.37E-08	70YrCancerDerived_InhSoilI	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2708	ALL	752088.42	4041060.7	5.31E-08	70YrCancerDerived_InhSoilI	5.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2709	ALL	746288.42	4041160.7	9.74E-08	70YrCancerDerived_InhSoilI	9.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2710	ALL	746388.42	4041160.7	1.03E-07	70YrCancerDerived_InhSoilI	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2711	ALL	746488.42	4041160.7	1.09E-07	70YrCancerDerived_InhSoilI	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2712	ALL	746588.42	4041160.7	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2713	ALL	746688.42	4041160.7	1.24E-07	70YrCancerDerived_InhSoilI	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2714	ALL	751388.42	4041160.7	5.46E-08	70YrCancerDerived_InhSoilI	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2715	ALL	751488.42	4041160.7	5.40E-08	70YrCancerDerived_InhSoilI	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2716	ALL	751588.42	4041160.7	5.33E-08	70YrCancerDerived_InhSoilI	5.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2717	ALL	751688.42	4041160.7	5.27E-08	70YrCancerDerived_InhSoilI	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2718	ALL	751788.42	4041160.7	5.21E-08	70YrCancerDerived_InhSoilI	5.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2719	ALL	751888.42	4041160.7	5.15E-08	70YrCancerDerived_InhSoilI	5.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2720	ALL	751988.42	4041160.7	5.10E-08	70YrCancerDerived_InhSoilI	5.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2721	ALL	752088.42	4041160.7	5.04E-08	70YrCancerDerived_InhSoilI	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2722	ALL	752188.42	4041160.7	4.98E-08	70YrCancerDerived_InhSoilI	4.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2723	ALL	752288.42	4041160.7	4.93E-08	70YrCancerDerived_InhSoilI	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2724	ALL	752388.42	4041160.7	4.87E-08	70YrCancerDerived_InhSoilI	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2725	ALL	752488.42	4041160.7	4.81E-08	70YrCancerDerived_InhSoilI	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2726	ALL	752588.42	4041160.7	4.76E-08	70YrCancerDerived_InhSoilI	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2727	ALL	752688.42	4041160.7	4.70E-08	70YrCancerDerived_InhSoilI	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2728	ALL	752788.42	4041160.7	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2729	ALL	752888.42	4041160.7	4.59E-08	70YrCancerDerived_InhSoilI	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2730	ALL	752988.42	4041160.7	4.54E-08	70YrCancerDerived_InhSoilI	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2731	ALL	753088.42	4041160.7	4.49E-08	70YrCancerDerived_InhSoilI	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2732	ALL	753188.42	4041160.7	4.44E-08	70YrCancerDerived_InhSoilI	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2733	ALL	753288.42	4041160.7	4.40E-08	70YrCancerDerived_InhSoilI	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2734	ALL	753388.42	4041160.7	4.35E-08	70YrCancerDerived_InhSoilI	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2735	ALL	753488.42	4041160.7	4.31E-08	70YrCancerDerived_InhSoilI	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2736	ALL	753588.42	4041160.7	4.26E-08	70YrCancerDerived_InhSoilI	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2737	ALL	753688.42	4041160.7	4.22E-08	70YrCancerDerived_InhSoilI	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2738	ALL	753788.42	4041160.7	4.17E-08	70YrCancerDerived_InhSoilI	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2739	ALL	753888.42	4041160.7	4.13E-08	70YrCancerDerived_InhSoilI	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2740	ALL	753988.42	4041160.7	4.09E-08	70YrCancerDerived_InhSoilI	4.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2741	ALL	746288.42	4041260.7	1.01E-07	70YrCancerDerived_InhSoilI	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2742	ALL	746388.42	4041260.7	1.07E-07	70YrCancerDerived_InhSoilI	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2743	ALL	746488.42	4041260.7	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2744	ALL	746588.42	4041260.7	1.20E-07	70YrCancerDerived_InhSoilI	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2745	ALL	746688.42	4041260.7	1.27E-07	70YrCancerDerived_InhSoilI	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2746	ALL	751388.42	4041260.7	5.18E-08	70YrCancerDerived_InhSoilI	5.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2747	ALL	751488.42	4041260.7	5.12E-08	70YrCancerDerived_InhSoilI	5.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2748	ALL	751588.42	4041260.7	5.07E-08	70YrCancerDerived_InhSoilI	5.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2749	ALL	751688.42	4041260.7	5.01E-08	70YrCancerDerived_InhSoilI	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2750	ALL	751788.42	4041260.7	4.96E-08	70YrCancerDerived_InhSoilI	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2751	ALL	751888.42	4041260.7	4.90E-08	70YrCancerDerived_InhSoilI	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2752	ALL	751988.42	4041260.7	4.85E-08	70YrCancerDerived_InhSoilI	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2753	ALL	752088.42	4041260.7	4.80E-08	70YrCancerDerived_InhSoilI	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2754	ALL	752188.42	4041260.7	4.75E-08	70YrCancerDerived_InhSoilI	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2755	ALL	752288.42	4041260.7	4.70E-08	70YrCancerDerived_InhSoilI	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2756	ALL	752388.42	4041260.7	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2757	ALL	752488.42	4041260.7	4.60E-08	70YrCancerDerived_InhSoilI	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2758	ALL	752588.42	4041260.7	4.55E-08	70YrCancerDerived_InhSoilI	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2759	ALL	752688.42	4041260.7	4.50E-08	70YrCancerDerived_InhSoilI	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2760	ALL	752788.42	4041260.7	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2761	ALL	752888.42	4041260.7	4.40E-08	70YrCancerDerived_InhSoilI	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2762	ALL	752988.42	4041260.7	4.36E-08	70YrCancerDerived_InhSoilI	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2763	ALL	753088.42	4041260.7	4.31E-08	70YrCancerDerived_InhSoilI	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2764	ALL	753188.42	4041260.7	4.27E-08	70YrCancerDerived_InhSoilI	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2765	ALL	753288.42	4041260.7	4.22E-08	70YrCancerDerived_InhSoilI	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2766	ALL	753388.42	4041260.7	4.18E-08	70YrCancerDerived_InhSoilI	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2767	ALL	753488.42	4041260.7	4.14E-08	70YrCancerDerived_InhSoilI	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2768	ALL	753588.42	4041260.7	4.10E-08	70YrCancerDerived_InhSoilI	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2769	ALL	753688.42	4041260.7	4.07E-08	70YrCancerDerived_InhSoilI	4.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2770	ALL	753788.42	4041260.7	4.03E-08	70YrCancerDerived_InhSoilI	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2771	ALL	753888.42	4041260.7	3.99E-08	70YrCancerDerived_InhSoilI	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2772	ALL	753988.42	4041260.7	3.95E-08	70YrCancerDerived_InhSoilI	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2773	ALL	746288.42	4041360.7	1.04E-07	70YrCancerDerived_InhSoilI	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2774	ALL	746388.42	4041360.7	1.09E-07	70YrCancerDerived_InhSoilI	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2775	ALL	746488.42	4041360.7	1.15E-07	70YrCancerDerived_InhSoilI	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2776	ALL	746588.42	4041360.7	1.21E-07	70YrCancerDerived_InhSoilI	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2777	ALL	746688.42	4041360.7	1.28E-07	70YrCancerDerived_InhSoilI	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2778	ALL	751388.42	4041360.7	4.93E-08	70YrCancerDerived_InhSoilI	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2779	ALL	751488.42	4041360.7	4.88E-08	70YrCancerDerived_InhSoilI	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2780	ALL	751588.42	4041360.7	4.83E-08	70YrCancerDerived_InhSoilI	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2781	ALL	751688.42	4041360.7	4.78E-08	70YrCancerDerived_InhSoilI	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2782	ALL	751788.42	4041360.7	4.74E-08	70YrCancerDerived_InhSoilI	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2783	ALL	751888.42	4041360.7	4.69E-08	70YrCancerDerived_InhSoilI	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2784	ALL	751988.42	4041360.7	4.64E-08	70YrCancerDerived_InhSoilI	4.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2785	ALL	752088.42	4041360.7	4.59E-08	70YrCancerDerived_InhSoilI	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2786	ALL	752188.42	4041360.7	4.55E-08	70YrCancerDerived_InhSoilI	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2787	ALL	752288.42	4041360.7	4.50E-08	70YrCancerDerived_InhSoilI	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2788	ALL	752388.42	4041360.7	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2789	ALL	752488.42	4041360.7	4.41E-08	70YrCancerDerived_InhSoilI	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2790	ALL	752588.42	4041360.7	4.36E-08	70YrCancerDerived_InhSoilI	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2791	ALL	752688.42	4041360.7	4.32E-08	70YrCancerDerived_InhSoilI	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2792	ALL	752788.42	4041360.7	4.27E-08	70YrCancerDerived_InhSoilI	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2793	ALL	752888.42	4041360.7	4.23E-08	70YrCancerDerived_InhSoilI	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2794	ALL	752988.42	4041360.7	4.18E-08	70YrCancerDerived_InhSoilI	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2795	ALL	753088.42	4041360.7	4.14E-08	70YrCancerDerived_InhSoilI	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2796	ALL	753188.42	4041360.7	4.10E-08	70YrCancerDerived_InhSoilI	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2797	ALL	753288.42	4041360.7	4.07E-08	70YrCancerDerived_InhSoilI	4.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2798	ALL	753388.42	4041360.7	4.03E-08	70YrCancerDerived_InhSoilI	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2799	ALL	753488.42	4041360.7	3.99E-08	70YrCancerDerived_InhSoilI	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2800	ALL	753588.42	4041360.7	3.96E-08	70YrCancerDerived_InhSoilI	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2801	ALL	753688.42	4041360.7	3.92E-08	70YrCancerDerived_InhSoilI	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2802	ALL	753788.42	4041360.7	3.89E-08	70YrCancerDerived_InhSoilI	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2803	ALL	753888.42	4041360.7	3.85E-08	70YrCancerDerived_InhSoilI	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2804	ALL	753988.42	4041360.7	3.82E-08	70YrCancerDerived_InhSoilI	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2805	ALL	746288.42	4041460.7	1.05E-07	70YrCancerDerived_InhSoilI	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2806	ALL	746388.42	4041460.7	1.10E-07	70YrCancerDerived_InhSoilI	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2807	ALL	746488.42	4041460.7	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2808	ALL	746588.42	4041460.7	1.22E-07	70YrCancerDerived_InhSoilI	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2809	ALL	746688.42	4041460.7	1.28E-07	70YrCancerDerived_InhSoilI	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2810	ALL	751388.42	4041460.7	4.70E-08	70YrCancerDerived_InhSoilI	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2811	ALL	751488.42	4041460.7	4.67E-08	70YrCancerDerived_InhSoilI	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2812	ALL	751588.42	4041460.7	4.62E-08	70YrCancerDerived_InhSoilI	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2813	ALL	751688.42	4041460.7	4.58E-08	70YrCancerDerived_InhSoilI	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2814	ALL	751788.42	4041460.7	4.54E-08	70YrCancerDerived_InhSoilI	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2815	ALL	751888.42	4041460.7	4.49E-08	70YrCancerDerived_InhSoilI	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2816	ALL	751988.42	4041460.7	4.45E-08	70YrCancerDerived_InhSoilI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2817	ALL	752088.42	4041460.7	4.41E-08	70YrCancerDerived_InhSoilI	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2818	ALL	752188.42	4041460.7	4.37E-08	70YrCancerDerived_InhSoilI	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2819	ALL	752288.42	4041460.7	4.32E-08	70YrCancerDerived_InhSoilI	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2820	ALL	752388.42	4041460.7	4.28E-08	70YrCancerDerived_InhSoilI	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2821	ALL	752488.42	4041460.7	4.23E-08	70YrCancerDerived_InhSoilI	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2822	ALL	752588.42	4041460.7	4.19E-08	70YrCancerDerived_InhSoilI	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2823	ALL	752688.42	4041460.7	4.15E-08	70YrCancerDerived_InhSoilI	4.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2824	ALL	752788.42	4041460.7	4.11E-08	70YrCancerDerived_InhSoilI	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2825	ALL	752888.42	4041460.7	4.07E-08	70YrCancerDerived_InhSoilI	4.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2826	ALL	752988.42	4041460.7	4.03E-08	70YrCancerDerived_InhSoilI	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2827	ALL	753088.42	4041460.7	3.99E-08	70YrCancerDerived_InhSoilI	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2828	ALL	753188.42	4041460.7	3.95E-08	70YrCancerDerived_InhSoilI	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2829	ALL	753288.42	4041460.7	3.92E-08	70YrCancerDerived_InhSoilI	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2830	ALL	753388.42	4041460.7	3.89E-08	70YrCancerDerived_InhSoilI	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2831	ALL	753488.42	4041460.7	3.85E-08	70YrCancerDerived_InhSoilI	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2832	ALL	753588.42	4041460.7	3.82E-08	70YrCancerDerived_InhSoilI	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2833	ALL	753688.42	4041460.7	3.79E-08	70YrCancerDerived_InhSoilI	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2834	ALL	753788.42	4041460.7	3.76E-08	70YrCancerDerived_InhSoilI	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2835	ALL	753888.42	4041460.7	3.73E-08	70YrCancerDerived_InhSoilI	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2836	ALL	753988.42	4041460.7	3.70E-08	70YrCancerDerived_InhSoilI	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2837	ALL	746288.42	4041560.7	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2838	ALL	746388.42	4041560.7	1.11E-07	70YrCancerDerived_InhSoilI	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2839	ALL	746488.42	4041560.7	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2840	ALL	746588.42	4041560.7	1.22E-07	70YrCancerDerived_InhSoilI	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2841	ALL	746688.42	4041560.7	1.27E-07	70YrCancerDerived_InhSoilI	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2842	ALL	746788.42	4041560.7	1.31E-07	70YrCancerDerived_InhSoilI	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2843	ALL	746888.42	4041560.7	1.35E-07	70YrCancerDerived_InhSoilI	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2844	ALL	746988.42	4041560.7	1.37E-07	70YrCancerDerived_InhSoilI	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2845	ALL	747088.42	4041560.7	1.36E-07	70YrCancerDerived_InhSoilI	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2846	ALL	747188.42	4041560.7	1.34E-07	70YrCancerDerived_InhSoilI	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2847	ALL	747288.42	4041560.7	1.30E-07	70YrCancerDerived_InhSoilI	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2848	ALL	747388.42	4041560.7	1.24E-07	70YrCancerDerived_InhSoilI	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2849	ALL	747488.42	4041560.7	1.17E-07	70YrCancerDerived_InhSoilI	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2850	ALL	747588.42	4041560.7	1.09E-07	70YrCancerDerived_InhSoilI	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2851	ALL	747688.42	4041560.7	1.01E-07	70YrCancerDerived_InhSoilI	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2852	ALL	747788.42	4041560.7	9.36E-08	70YrCancerDerived_InhSoilI	9.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2853	ALL	747888.42	4041560.7	8.76E-08	70YrCancerDerived_InhSoilI	8.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2854	ALL	747988.42	4041560.7	8.29E-08	70YrCancerDerived_InhSoilI	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2855	ALL	748088.42	4041560.7	7.89E-08	70YrCancerDerived_InhSoilI	7.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2856	ALL	751388.42	4041560.7	4.51E-08	70YrCancerDerived_InhSoilI	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2857	ALL	751488.42	4041560.7	4.47E-08	70YrCancerDerived_InhSoilI	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2858	ALL	751588.42	4041560.7	4.44E-08	70YrCancerDerived_InhSoilI	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2859	ALL	751688.42	4041560.7	4.40E-08	70YrCancerDerived_InhSoilI	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2860	ALL	751788.42	4041560.7	4.36E-08	70YrCancerDerived_InhSoilI	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2861	ALL	751888.42	4041560.7	4.32E-08	70YrCancerDerived_InhSoilI	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2862	ALL	751988.42	4041560.7	4.28E-08	70YrCancerDerived_InhSoilI	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2863	ALL	752088.42	4041560.7	4.24E-08	70YrCancerDerived_InhSoilI	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2864	ALL	752188.42	4041560.7	4.21E-08	70YrCancerDerived_InhSoilI	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2865	ALL	752288.42	4041560.7	4.17E-08	70YrCancerDerived_InhSoilI	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2866	ALL	752388.42	4041560.7	4.12E-08	70YrCancerDerived_InhSoilI	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2867	ALL	752488.42	4041560.7	4.08E-08	70YrCancerDerived_InhSoilI	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2868	ALL	752588.42	4041560.7	4.04E-08	70YrCancerDerived_InhSoilI	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2869	ALL	752688.42	4041560.7	4.00E-08	70YrCancerDerived_InhSoilI	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2870	ALL	752788.42	4041560.7	3.96E-08	70YrCancerDerived_InhSoilI	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2871	ALL	752888.42	4041560.7	3.92E-08	70YrCancerDerived_InhSoilI	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2872	ALL	752988.42	4041560.7	3.88E-08	70YrCancerDerived_InhSoilI	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2873	ALL	753088.42	4041560.7	3.85E-08	70YrCancerDerived_InhSoilI	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2874	ALL	753188.42	4041560.7	3.82E-08	70YrCancerDerived_InhSoilI	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2875	ALL	753288.42	4041560.7	3.79E-08	70YrCancerDerived_InhSoilI	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2876	ALL	753388.42	4041560.7	3.75E-08	70YrCancerDerived_InhSoilI	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2877	ALL	753488.42	4041560.7	3.73E-08	70YrCancerDerived_InhSoilI	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2878	ALL	753588.42	4041560.7	3.70E-08	70YrCancerDerived_InhSoilI	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2879	ALL	753688.42	4041560.7	3.67E-08	70YrCancerDerived_InhSoilI	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2880	ALL	753788.42	4041560.7	3.64E-08	70YrCancerDerived_InhSoilI	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2881	ALL	753888.42	4041560.7	3.61E-08	70YrCancerDerived_InhSoilI	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2882	ALL	753988.42	4041560.7	3.58E-08	70YrCancerDerived_InhSoilI	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2883	ALL	746288.42	4041660.7	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2884	ALL	746388.42	4041660.7	1.11E-07	70YrCancerDerived_InhSoilI	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2885	ALL	746488.42	4041660.7	1.15E-07	70YrCancerDerived_InhSoilI	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2886	ALL	746588.42	4041660.7	1.20E-07	70YrCancerDerived_InhSoilI	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2887	ALL	746688.42	4041660.7	1.23E-07	70YrCancerDerived_InhSoilI	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2888	ALL	746788.42	4041660.7	1.26E-07	70YrCancerDerived_InhSoilI	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2889	ALL	746888.42	4041660.7	1.27E-07	70YrCancerDerived_InhSoilI	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2890	ALL	746988.42	4041660.7	1.26E-07	70YrCancerDerived_InhSoilI	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2891	ALL	747088.42	4041660.7	1.24E-07	70YrCancerDerived_InhSoilI	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2892	ALL	747188.42	4041660.7	1.20E-07	70YrCancerDerived_InhSoilI	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2893	ALL	747288.42	4041660.7	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2894	ALL	747388.42	4041660.7	1.10E-07	70YrCancerDerived_InhSoilI	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2895	ALL	747488.42	4041660.7	1.04E-07	70YrCancerDerived_InhSoilI	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2896	ALL	747588.42	4041660.7	9.68E-08	70YrCancerDerived_InhSoilI	9.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2897	ALL	747688.42	4041660.7	9.01E-08	70YrCancerDerived_InhSoilI	9.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2898	ALL	747788.42	4041660.7	8.46E-08	70YrCancerDerived_InhSoilI	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2899	ALL	747888.42	4041660.7	8.02E-08	70YrCancerDerived_InhSoilI	8.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2900	ALL	747988.42	4041660.7	7.68E-08	70YrCancerDerived_InhSoilI	7.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2901	ALL	748088.42	4041660.7	7.34E-08	70YrCancerDerived_InhSoilI	7.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2902	ALL	748188.42	4041660.7	6.97E-08	70YrCancerDerived_InhSoilI	6.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2903	ALL	748288.42	4041660.7	6.59E-08	70YrCancerDerived_InhSoilI	6.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2904	ALL	748388.42	4041660.7	6.23E-08	70YrCancerDerived_InhSoilI	6.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2905	ALL	748488.42	4041660.7	5.90E-08	70YrCancerDerived_InhSoilI	5.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2906	ALL	751388.42	4041660.7	4.33E-08	70YrCancerDerived_InhSoilI	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2907	ALL	751488.42	4041660.7	4.30E-08	70YrCancerDerived_InhSoilI	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2908	ALL	751588.42	4041660.7	4.27E-08	70YrCancerDerived_InhSoilI	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2909	ALL	751688.42	4041660.7	4.23E-08	70YrCancerDerived_InhSoilI	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2910	ALL	751788.42	4041660.7	4.20E-08	70YrCancerDerived_InhSoilI	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2911	ALL	751888.42	4041660.7	4.16E-08	70YrCancerDerived_InhSoilI	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2912	ALL	751988.42	4041660.7	4.13E-08	70YrCancerDerived_InhSoilI	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2913	ALL	752088.42	4041660.7	4.09E-08	70YrCancerDerived_InhSoilI	4.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2914	ALL	752188.42	4041660.7	4.06E-08	70YrCancerDerived_InhSoilI	4.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2915	ALL	752288.42	4041660.7	4.02E-08	70YrCancerDerived_InhSoilI	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2916	ALL	752388.42	4041660.7	3.98E-08	70YrCancerDerived_InhSoilI	3.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2917	ALL	752488.42	4041660.7	3.95E-08	70YrCancerDerived_InhSoilI	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2918	ALL	752588.42	4041660.7	3.91E-08	70YrCancerDerived_InhSoilI	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2919	ALL	752688.42	4041660.7	3.87E-08	70YrCancerDerived_InhSoilI	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2920	ALL	752788.42	4041660.7	3.83E-08	70YrCancerDerived_InhSoilI	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2921	ALL	752888.42	4041660.7	3.80E-08	70YrCancerDerived_InhSoilI	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2922	ALL	752988.42	4041660.7	3.76E-08	70YrCancerDerived_InhSoilI	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2923	ALL	753088.42	4041660.7	3.72E-08	70YrCancerDerived_InhSoilI	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2924	ALL	753188.42	4041660.7	3.69E-08	70YrCancerDerived_InhSoilI	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2925	ALL	753288.42	4041660.7	3.66E-08	70YrCancerDerived_InhSoilI	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2926	ALL	753388.42	4041660.7	3.63E-08	70YrCancerDerived_InhSoilI	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2927	ALL	753488.42	4041660.7	3.61E-08	70YrCancerDerived_InhSoilI	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2928	ALL	753588.42	4041660.7	3.58E-08	70YrCancerDerived_InhSoilI	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2929	ALL	753688.42	4041660.7	3.55E-08	70YrCancerDerived_InhSoilI	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2930	ALL	753788.42	4041660.7	3.53E-08	70YrCancerDerived_InhSoilI	3.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2931	ALL	753888.42	4041660.7	3.50E-08	70YrCancerDerived_InhSoilI	3.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2932	ALL	753988.42	4041660.7	3.47E-08	70YrCancerDerived_InhSoilI	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2933	ALL	746288.42	4041760.7	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2934	ALL	746388.42	4041760.7	1.09E-07	70YrCancerDerived_InhSoilI	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2935	ALL	746488.42	4041760.7	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2936	ALL	746588.42	4041760.7	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2937	ALL	746688.42	4041760.7	1.18E-07	70YrCancerDerived_InhSoilI	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2938	ALL	746788.42	4041760.7	1.19E-07	70YrCancerDerived_InhSoilI	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2939	ALL	746888.42	4041760.7	1.18E-07	70YrCancerDerived_InhSoilI	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2940	ALL	746988.42	4041760.7	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2941	ALL	747088.42	4041760.7	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2942	ALL	747188.42	4041760.7	1.09E-07	70YrCancerDerived_InhSoilI	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2943	ALL	747288.42	4041760.7	1.04E-07	70YrCancerDerived_InhSoilI	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2944	ALL	747388.42	4041760.7	9.85E-08	70YrCancerDerived_InhSoilI	9.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2945	ALL	747488.42	4041760.7	9.28E-08	70YrCancerDerived_InhSoilI	9.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2946	ALL	747588.42	4041760.7	8.69E-08	70YrCancerDerived_InhSoilI	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2947	ALL	747688.42	4041760.7	8.19E-08	70YrCancerDerived_InhSoilI	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2948	ALL	747788.42	4041760.7	7.77E-08	70YrCancerDerived_InhSoilI	7.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2949	ALL	747888.42	4041760.7	7.45E-08	70YrCancerDerived_InhSoilI	7.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2950	ALL	747988.42	4041760.7	7.18E-08	70YrCancerDerived_InhSoilI	7.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2951	ALL	748088.42	4041760.7	6.89E-08	70YrCancerDerived_InhSoilI	6.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2952	ALL	748188.42	4041760.7	6.56E-08	70YrCancerDerived_InhSoilI	6.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2953	ALL	748288.42	4041760.7	6.22E-08	70YrCancerDerived_InhSoilI	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2954	ALL	748388.42	4041760.7	5.91E-08	70YrCancerDerived_InhSoilI	5.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2955	ALL	748488.42	4041760.7	5.62E-08	70YrCancerDerived_InhSoilI	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2956	ALL	753588.42	4041760.7	3.48E-08	70YrCancerDerived_InhSoilI	3.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2957	ALL	753688.42	4041760.7	3.45E-08	70YrCancerDerived_InhSoilI	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2958	ALL	753788.42	4041760.7	3.43E-08	70YrCancerDerived_InhSoilI	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2959	ALL	753888.42	4041760.7	3.40E-08	70YrCancerDerived_InhSoilI	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2960	ALL	753988.42	4041760.7	3.38E-08	70YrCancerDerived_InhSoilI	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2961	ALL	746288.42	4041860.7	1.04E-07	70YrCancerDerived_InhSoilI	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2962	ALL	746388.42	4041860.7	1.07E-07	70YrCancerDerived_InhSoilI	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2963	ALL	746488.42	4041860.7	1.10E-07	70YrCancerDerived_InhSoilI	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2964	ALL	746588.42	4041860.7	1.11E-07	70YrCancerDerived_InhSoilI	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2965	ALL	746688.42	4041860.7	1.11E-07	70YrCancerDerived_InhSoilI	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2966	ALL	746788.42	4041860.7	1.10E-07	70YrCancerDerived_InhSoilI	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2967	ALL	746888.42	4041860.7	1.08E-07	70YrCancerDerived_InhSoilI	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2968	ALL	746988.42	4041860.7	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2969	ALL	747088.42	4041860.7	1.02E-07	70YrCancerDerived_InhSoilI	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2970	ALL	747188.42	4041860.7	9.83E-08	70YrCancerDerived_InhSoilI	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2971	ALL	747288.42	4041860.7	9.37E-08	70YrCancerDerived_InhSoilI	9.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2972	ALL	747388.42	4041860.7	8.88E-08	70YrCancerDerived_InhSoilI	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2973	ALL	747488.42	4041860.7	8.39E-08	70YrCancerDerived_InhSoilI	8.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2974	ALL	747588.42	4041860.7	7.92E-08	70YrCancerDerived_InhSoilI	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2975	ALL	747688.42	4041860.7	7.53E-08	70YrCancerDerived_InhSoilI	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2976	ALL	747788.42	4041860.7	7.22E-08	70YrCancerDerived_InhSoilI	7.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2977	ALL	747888.42	4041860.7	6.98E-08	70YrCancerDerived_InhSoilI	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2978	ALL	747988.42	4041860.7	6.76E-08	70YrCancerDerived_InhSoilI	6.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2979	ALL	748088.42	4041860.7	6.50E-08	70YrCancerDerived_InhSoilI	6.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2980	ALL	748188.42	4041860.7	6.20E-08	70YrCancerDerived_InhSoilI	6.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2981	ALL	748288.42	4041860.7	5.91E-08	70YrCancerDerived_InhSoilI	5.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2982	ALL	748388.42	4041860.7	5.63E-08	70YrCancerDerived_InhSoilI	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2983	ALL	748488.42	4041860.7	5.37E-08	70YrCancerDerived_InhSoilI	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2984	ALL	753488.42	4041860.7	3.40E-08	70YrCancerDerived_InhSoilI	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2985	ALL	753588.42	4041860.7	3.38E-08	70YrCancerDerived_InhSoilI	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2986	ALL	753688.42	4041860.7	3.36E-08	70YrCancerDerived_InhSoilI	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2987	ALL	753788.42	4041860.7	3.34E-08	70YrCancerDerived_InhSoilI	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2988	ALL	753888.42	4041860.7	3.31E-08	70YrCancerDerived_InhSoilI	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2989	ALL	753988.42	4041860.7	3.29E-08	70YrCancerDerived_InhSoilI	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2990	ALL	748188.42	4041960.7	5.89E-08	70YrCancerDerived_InhSoilI	5.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2991	ALL	748288.42	4041960.7	5.64E-08	70YrCancerDerived_InhSoilI	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2992	ALL	748388.42	4041960.7	5.38E-08	70YrCancerDerived_InhSoilI	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2993	ALL	748488.42	4041960.7	5.14E-08	70YrCancerDerived_InhSoilI	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2994	ALL	753488.42	4041960.7	3.32E-08	70YrCancerDerived_InhSoilI	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2995	ALL	753588.42	4041960.7	3.30E-08	70YrCancerDerived_InhSoilI	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2996	ALL	753688.42	4041960.7	3.27E-08	70YrCancerDerived_InhSoilI	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2997	ALL	753788.42	4041960.7	3.25E-08	70YrCancerDerived_InhSoilI	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2998	ALL	753888.42	4041960.7	3.23E-08	70YrCancerDerived_InhSoilI	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2999	ALL	753988.42	4041960.7	3.20E-08	70YrCancerDerived_InhSoilI	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3000	ALL	748188.42	4042060.7	5.61E-08	70YrCancerDerived_InhSoilI	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3001	ALL	748288.42	4042060.7	5.38E-08	70YrCancerDerived_InhSoilI	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3002	ALL	748388.42	4042060.7	5.15E-08	70YrCancerDerived_InhSoilI	5.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3003	ALL	748488.42	4042060.7	4.93E-08	70YrCancerDerived_InhSoilI	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3004	ALL	753488.42	4042060.7	3.24E-08	70YrCancerDerived_InhSoilI	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3005	ALL	753588.42	4042060.7	3.22E-08	70YrCancerDerived_InhSoilI	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3006	ALL	753688.42	4042060.7	3.20E-08	70YrCancerDerived_InhSoilI	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3007	ALL	753788.42	4042060.7	3.17E-08	70YrCancerDerived_InhSoilI	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3008	ALL	753888.42	4042060.7	3.15E-08	70YrCancerDerived_InhSoilI	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3009	ALL	753988.42	4042060.7	3.13E-08	70YrCancerDerived_InhSoilI	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3010	ALL	748188.42	4042160.7	5.36E-08	70YrCancerDerived_InhSoilI	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3011	ALL	748288.42	4042160.7	5.16E-08	70YrCancerDerived_InhSoilI	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3012	ALL	748388.42	4042160.7	4.95E-08	70YrCancerDerived_InhSoilI	4.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3013	ALL	748488.42	4042160.7	4.74E-08	70YrCancerDerived_InhSoilI	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3014	ALL	753488.42	4042160.7	3.16E-08	70YrCancerDerived_InhSoilI	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3015	ALL	753588.42	4042160.7	3.14E-08	70YrCancerDerived_InhSoilI	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3016	ALL	753688.42	4042160.7	3.12E-08	70YrCancerDerived_InhSoilI	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3017	ALL	753788.42	4042160.7	3.10E-08	70YrCancerDerived_InhSoilI	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3018	ALL	753888.42	4042160.7	3.08E-08	70YrCancerDerived_InhSoilI	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3019	ALL	753988.42	4042160.7	3.06E-08	70YrCancerDerived_InhSoilI	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3020	ALL	748188.42	4042260.7	5.14E-08	70YrCancerDerived_InhSoilI	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3021	ALL	748288.42	4042260.7	4.95E-08	70YrCancerDerived_InhSoilI	4.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3022	ALL	748388.42	4042260.7	4.76E-08	70YrCancerDerived_InhSoilI	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3023	ALL	748488.42	4042260.7	4.57E-08	70YrCancerDerived_InhSoilI	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3024	ALL	753488.42	4042260.7	3.09E-08	70YrCancerDerived_InhSoilI	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3025	ALL	753588.42	4042260.7	3.07E-08	70YrCancerDerived_InhSoilI	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3026	ALL	753688.42	4042260.7	3.05E-08	70YrCancerDerived_InhSoilI	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3027	ALL	753788.42	4042260.7	3.03E-08	70YrCancerDerived_InhSoilI	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3028	ALL	753888.42	4042260.7	3.01E-08	70YrCancerDerived_InhSoilI	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3029	ALL	753988.42	4042260.7	3.00E-08	70YrCancerDerived_InhSoilI	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3030	ALL	748188.42	4042360.7	4.94E-08	70YrCancerDerived_InhSoilI	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3031	ALL	748288.42	4042360.7	4.76E-08	70YrCancerDerived_InhSoilI	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3032	ALL	748388.42	4042360.7	4.58E-08	70YrCancerDerived_InhSoilI	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3033	ALL	748488.42	4042360.7	4.41E-08	70YrCancerDerived_InhSoilI	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3034	ALL	753488.42	4042360.7	3.02E-08	70YrCancerDerived_InhSoilI	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3035	ALL	753588.42	4042360.7	3.01E-08	70YrCancerDerived_InhSoilI	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3036	ALL	753688.42	4042360.7	2.99E-08	70YrCancerDerived_InhSoilI	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3037	ALL	753788.42	4042360.7	2.97E-08	70YrCancerDerived_InhSoilI	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3038	ALL	753888.42	4042360.7	2.95E-08	70YrCancerDerived_InhSoilI	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3039	ALL	753988.42	4042360.7	2.93E-08	70YrCancerDerived_InhSoilI	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3040	ALL	748188.42	4042460.7	4.76E-08	70YrCancerDerived_InhSoilI	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3041	ALL	748288.42	4042460.7	4.59E-08	70YrCancerDerived_InhSoilI	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3042	ALL	748388.42	4042460.7	4.43E-08	70YrCancerDerived_InhSoilI	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3043	ALL	748488.42	4042460.7	4.27E-08	70YrCancerDerived_InhSoilI	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3044	ALL	753488.42	4042460.7	2.95E-08	70YrCancerDerived_InhSoilI	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3045	ALL	753588.42	4042460.7	2.94E-08	70YrCancerDerived_InhSoilI	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3046	ALL	753688.42	4042460.7	2.92E-08	70YrCancerDerived_InhSoilI	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3047	ALL	753788.42	4042460.7	2.91E-08	70YrCancerDerived_InhSoilI	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3048	ALL	753888.42	4042460.7	2.89E-08	70YrCancerDerived_InhSoilI	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3049	ALL	753988.42	4042460.7	2.87E-08	70YrCancerDerived_InhSoilI	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3050	ALL	748188.42	4042560.7	4.59E-08	70YrCancerDerived_InhSoilI	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3051	ALL	748288.42	4042560.7	4.44E-08	70YrCancerDerived_InhSoilI	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3052	ALL	748388.42	4042560.7	4.28E-08	70YrCancerDerived_InhSoilI	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3053	ALL	748488.42	4042560.7	4.13E-08	70YrCancerDerived_InhSoilI	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3054	ALL	753488.42	4042560.7	2.89E-08	70YrCancerDerived_InhSoilI	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3055	ALL	753588.42	4042560.7	2.87E-08	70YrCancerDerived_InhSoilI	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3056	ALL	753688.42	4042560.7	2.86E-08	70YrCancerDerived_InhSoilI	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3057	ALL	753788.42	4042560.7	2.84E-08	70YrCancerDerived_InhSoilI	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3058	ALL	753888.42	4042560.7	2.83E-08	70YrCancerDerived_InhSoilI	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3059	ALL	753988.42	4042560.7	2.81E-08	70YrCancerDerived_InhSoilI	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3060	ALL	748188.42	4042660.7	4.43E-08	70YrCancerDerived_InhSoilI	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3061	ALL	748288.42	4042660.7	4.29E-08	70YrCancerDerived_InhSoilI	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3062	ALL	748388.42	4042660.7	4.15E-08	70YrCancerDerived_InhSoilI	4.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3063	ALL	748488.42	4042660.7	4.01E-08	70YrCancerDerived_InhSoilI	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3064	ALL	753488.42	4042660.7	2.83E-08	70YrCancerDerived_InhSoilI	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3065	ALL	753588.42	4042660.7	2.81E-08	70YrCancerDerived_InhSoilI	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3066	ALL	753688.42	4042660.7	2.79E-08	70YrCancerDerived_InhSoilI	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3067	ALL	753788.42	4042660.7	2.78E-08	70YrCancerDerived_InhSoilI	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3068	ALL	753888.42	4042660.7	2.76E-08	70YrCancerDerived_InhSoilI	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3069	ALL	753988.42	4042660.7	2.75E-08	70YrCancerDerived_InhSoilI	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3070	ALL	748188.42	4042760.7	4.29E-08	70YrCancerDerived_InhSoilI	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3071	ALL	748288.42	4042760.7	4.16E-08	70YrCancerDerived_InhSoilI	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3072	ALL	748388.42	4042760.7	4.02E-08	70YrCancerDerived_InhSoilI	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3073	ALL	748488.42	4042760.7	3.89E-08	70YrCancerDerived_InhSoilI	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3074	ALL	753488.42	4042760.7	2.77E-08	70YrCancerDerived_InhSoilI	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3075	ALL	753588.42	4042760.7	2.75E-08	70YrCancerDerived_InhSoilI	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3076	ALL	753688.42	4042760.7	2.74E-08	70YrCancerDerived_InhSoilI	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3077	ALL	753788.42	4042760.7	2.72E-08	70YrCancerDerived_InhSoilI	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3078	ALL	753888.42	4042760.7	2.71E-08	70YrCancerDerived_InhSoilI	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3079	ALL	753988.42	4042760.7	2.69E-08	70YrCancerDerived_InhSoilI	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3080	ALL	748188.42	4042860.7	4.16E-08	70YrCancerDerived_InhSoilI	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3081	ALL	748288.42	4042860.7	4.03E-08	70YrCancerDerived_InhSoilI	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3082	ALL	748388.42	4042860.7	3.91E-08	70YrCancerDerived_InhSoilI	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3083	ALL	748488.42	4042860.7	3.78E-08	70YrCancerDerived_InhSoilI	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3084	ALL	753488.42	4042860.7	2.72E-08	70YrCancerDerived_InhSoilI	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3085	ALL	753588.42	4042860.7	2.70E-08	70YrCancerDerived_InhSoilI	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3086	ALL	753688.42	4042860.7	2.69E-08	70YrCancerDerived_InhSoilI	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3087	ALL	753788.42	4042860.7	2.67E-08	70YrCancerDerived_InhSoilI	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3088	ALL	753888.42	4042860.7	2.66E-08	70YrCancerDerived_InhSoilI	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3089	ALL	753988.42	4042860.7	2.64E-08	70YrCancerDerived_InhSoilI	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3090	ALL	748188.42	4042960.7	4.04E-08	70YrCancerDerived_InhSoilI	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3091	ALL	748288.42	4042960.7	3.92E-08	70YrCancerDerived_InhSoilI	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3092	ALL	748388.42	4042960.7	3.80E-08	70YrCancerDerived_InhSoilI	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3093	ALL	748488.42	4042960.7	3.68E-08	70YrCancerDerived_InhSoilI	3.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3094	ALL	753488.42	4042960.7	2.68E-08	70YrCancerDerived_InhSoilI	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3095	ALL	753588.42	4042960.7	2.66E-08	70YrCancerDerived_InhSoilI	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3096	ALL	753688.42	4042960.7	2.64E-08	70YrCancerDerived_InhSoilI	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3097	ALL	753788.42	4042960.7	2.62E-08	70YrCancerDerived_InhSoilI	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3098	ALL	753888.42	4042960.7	2.61E-08	70YrCancerDerived_InhSoilI	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3099	ALL	753988.42	4042960.7	2.59E-08	70YrCancerDerived_InhSoilI	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3100	ALL	748188.42	4043060.7	3.92E-08	70YrCancerDerived_InhSoilI	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3101	ALL	748288.42	4043060.7	3.81E-08	70YrCancerDerived_InhSoilI	3.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3102	ALL	748388.42	4043060.7	3.70E-08	70YrCancerDerived_InhSoilI	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3103	ALL	748488.42	4043060.7	3.59E-08	70YrCancerDerived_InhSoilI	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3104	ALL	753488.42	4043060.7	2.64E-08	70YrCancerDerived_InhSoilI	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3105	ALL	753588.42	4043060.7	2.62E-08	70YrCancerDerived_InhSoilI	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3106	ALL	753688.42	4043060.7	2.60E-08	70YrCancerDerived_InhSoilI	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3107	ALL	753788.42	4043060.7	2.58E-08	70YrCancerDerived_InhSoilI	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3108	ALL	753888.42	4043060.7	2.56E-08	70YrCancerDerived_InhSoilI	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3109	ALL	753988.42	4043060.7	2.55E-08	70YrCancerDerived_InhSoilI	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3110	ALL	748188.42	4043160.7	3.82E-08	70YrCancerDerived_InhSoilI	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3111	ALL	748288.42	4043160.7	3.72E-08	70YrCancerDerived_InhSoilI	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3112	ALL	748388.42	4043160.7	3.61E-08	70YrCancerDerived_InhSoilI	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3113	ALL	748488.42	4043160.7	3.51E-08	70YrCancerDerived_InhSoilI	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3114	ALL	753488.42	4043160.7	2.61E-08	70YrCancerDerived_InhSoilI	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3115	ALL	753588.42	4043160.7	2.59E-08	70YrCancerDerived_InhSoilI	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3116	ALL	753688.42	4043160.7	2.57E-08	70YrCancerDerived_InhSoilI	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3117	ALL	753788.42	4043160.7	2.55E-08	70YrCancerDerived_InhSoilI	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3118	ALL	753888.42	4043160.7	2.53E-08	70YrCancerDerived_InhSoilI	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3119	ALL	753988.42	4043160.7	2.51E-08	70YrCancerDerived_InhSoilI	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3120	ALL	748188.42	4043260.7	3.72E-08	70YrCancerDerived_InhSoilI	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3121	ALL	748288.42	4043260.7	3.62E-08	70YrCancerDerived_InhSoilI	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3122	ALL	748388.42	4043260.7	3.52E-08	70YrCancerDerived_InhSoilI	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3123	ALL	748488.42	4043260.7	3.42E-08	70YrCancerDerived_InhSoilI	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3124	ALL	753488.42	4043260.7	2.57E-08	70YrCancerDerived_InhSoilI	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3125	ALL	753588.42	4043260.7	2.55E-08	70YrCancerDerived_InhSoilI	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3126	ALL	753688.42	4043260.7	2.53E-08	70YrCancerDerived_InhSoilI	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3127	ALL	753788.42	4043260.7	2.51E-08	70YrCancerDerived_InhSoilI	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3128	ALL	753888.42	4043260.7	2.49E-08	70YrCancerDerived_InhSoilI	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3129	ALL	753988.42	4043260.7	2.48E-08	70YrCancerDerived_InhSoilI	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3130	ALL	748188.42	4043360.7	3.63E-08	70YrCancerDerived_InhSoilI	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3131	ALL	748288.42	4043360.7	3.53E-08	70YrCancerDerived_InhSoilI	3.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3132	ALL	748388.42	4043360.7	3.43E-08	70YrCancerDerived_InhSoilI	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3133	ALL	748488.42	4043360.7	3.34E-08	70YrCancerDerived_InhSoilI	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3134	ALL	752688.42	4043360.7	2.58E-08	70YrCancerDerived_InhSoilI	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3135	ALL	752788.42	4043360.7	2.58E-08	70YrCancerDerived_InhSoilI	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3136	ALL	752888.42	4043360.7	2.59E-08	70YrCancerDerived_InhSoilI	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3137	ALL	752988.42	4043360.7	2.59E-08	70YrCancerDerived_InhSoilI	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3138	ALL	753088.42	4043360.7	2.58E-08	70YrCancerDerived_InhSoilI	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3139	ALL	753188.42	4043360.7	2.58E-08	70YrCancerDerived_InhSoilI	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3140	ALL	753488.42	4043360.7	2.54E-08	70YrCancerDerived_InhSoilI	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3141	ALL	753588.42	4043360.7	2.52E-08	70YrCancerDerived_InhSoilI	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3142	ALL	753688.42	4043360.7	2.50E-08	70YrCancerDerived_InhSoilI	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3143	ALL	753788.42	4043360.7	2.48E-08	70YrCancerDerived_InhSoilI	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3144	ALL	753888.42	4043360.7	2.46E-08	70YrCancerDerived_InhSoilI	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3145	ALL	753988.42	4043360.7	2.44E-08	70YrCancerDerived_InhSoilI	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3146	ALL	748188.42	4043460.7	3.54E-08	70YrCancerDerived_InhSoilI	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3147	ALL	748288.42	4043460.7	3.45E-08	70YrCancerDerived_InhSoilI	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3148	ALL	748388.42	4043460.7	3.36E-08	70YrCancerDerived_InhSoilI	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3149	ALL	748488.42	4043460.7	3.27E-08	70YrCancerDerived_InhSoilI	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3150	ALL	752688.42	4043460.7	2.51E-08	70YrCancerDerived_InhSoilI	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3151	ALL	752788.42	4043460.7	2.51E-08	70YrCancerDerived_InhSoilI	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3152	ALL	752888.42	4043460.7	2.52E-08	70YrCancerDerived_InhSoilI	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3153	ALL	752988.42	4043460.7	2.52E-08	70YrCancerDerived_InhSoilI	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3154	ALL	753088.42	4043460.7	2.52E-08	70YrCancerDerived_InhSoilI	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3155	ALL	753188.42	4043460.7	2.52E-08	70YrCancerDerived_InhSoilI	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3156	ALL	753288.42	4043460.7	2.52E-08	70YrCancerDerived_InhSoilI	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3157	ALL	753388.42	4043460.7	2.51E-08	70YrCancerDerived_InhSoilI	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3158	ALL	753488.42	4043460.7	2.49E-08	70YrCancerDerived_InhSoilI	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3159	ALL	753588.42	4043460.7	2.48E-08	70YrCancerDerived_InhSoilI	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3160	ALL	753688.42	4043460.7	2.47E-08	70YrCancerDerived_InhSoilI	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3161	ALL	753788.42	4043460.7	2.45E-08	70YrCancerDerived_InhSoilI	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3162	ALL	753888.42	4043460.7	2.43E-08	70YrCancerDerived_InhSoilI	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3163	ALL	753988.42	4043460.7	2.41E-08	70YrCancerDerived_InhSoilI	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3164	ALL	748188.42	4043560.7	3.45E-08	70YrCancerDerived_InhSoilI	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3165	ALL	748288.42	4043560.7	3.37E-08	70YrCancerDerived_InhSoilI	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3166	ALL	748388.42	4043560.7	3.28E-08	70YrCancerDerived_InhSoilI	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3167	ALL	748488.42	4043560.7	3.20E-08	70YrCancerDerived_InhSoilI	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3168	ALL	752688.42	4043560.7	2.44E-08	70YrCancerDerived_InhSoilI	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3169	ALL	752788.42	4043560.7	2.45E-08	70YrCancerDerived_InhSoilI	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3170	ALL	752888.42	4043560.7	2.46E-08	70YrCancerDerived_InhSoilI	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3171	ALL	752988.42	4043560.7	2.46E-08	70YrCancerDerived_InhSoilI	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3172	ALL	753088.42	4043560.7	2.46E-08	70YrCancerDerived_InhSoilI	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3173	ALL	753188.42	4043560.7	2.46E-08	70YrCancerDerived_InhSoilI	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3174	ALL	753288.42	4043560.7	2.46E-08	70YrCancerDerived_InhSoilI	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3175	ALL	753388.42	4043560.7	2.46E-08	70YrCancerDerived_InhSoilI	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3176	ALL	753488.42	4043560.7	2.45E-08	70YrCancerDerived_InhSoilI	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3177	ALL	753588.42	4043560.7	2.44E-08	70YrCancerDerived_InhSoilI	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3178	ALL	753688.42	4043560.7	2.43E-08	70YrCancerDerived_InhSoilI	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3179	ALL	753788.42	4043560.7	2.42E-08	70YrCancerDerived_InhSoilI	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3180	ALL	753888.42	4043560.7	2.40E-08	70YrCancerDerived_InhSoilI	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3181	ALL	753988.42	4043560.7	2.38E-08	70YrCancerDerived_InhSoilI	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3182	ALL	748188.42	4043660.7	3.37E-08	70YrCancerDerived_InhSoilI	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3183	ALL	748288.42	4043660.7	3.29E-08	70YrCancerDerived_InhSoilI	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3184	ALL	748388.42	4043660.7	3.21E-08	70YrCancerDerived_InhSoilI	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3185	ALL	748488.42	4043660.7	3.13E-08	70YrCancerDerived_InhSoilI	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3186	ALL	752688.42	4043660.7	2.37E-08	70YrCancerDerived_InhSoilI	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3187	ALL	752788.42	4043660.7	2.38E-08	70YrCancerDerived_InhSoilI	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3188	ALL	752888.42	4043660.7	2.39E-08	70YrCancerDerived_InhSoilI	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3189	ALL	752988.42	4043660.7	2.40E-08	70YrCancerDerived_InhSoilI	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3190	ALL	753088.42	4043660.7	2.40E-08	70YrCancerDerived_InhSoilI	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3191	ALL	753188.42	4043660.7	2.41E-08	70YrCancerDerived_InhSoilI	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3192	ALL	753288.42	4043660.7	2.41E-08	70YrCancerDerived_InhSoilI	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3193	ALL	753388.42	4043660.7	2.41E-08	70YrCancerDerived_InhSoilI	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3194	ALL	753488.42	4043660.7	2.41E-08	70YrCancerDerived_InhSoilI	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3195	ALL	753588.42	4043660.7	2.40E-08	70YrCancerDerived_InhSoilI	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3196	ALL	753688.42	4043660.7	2.39E-08	70YrCancerDerived_InhSoilI	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3197	ALL	753788.42	4043660.7	2.38E-08	70YrCancerDerived_InhSoilI	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3198	ALL	753888.42	4043660.7	2.37E-08	70YrCancerDerived_InhSoilI	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3199	ALL	753988.42	4043660.7	2.36E-08	70YrCancerDerived_InhSoilI	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3200	ALL	748188.42	4043760.7	3.29E-08	70YrCancerDerived_InhSoilI	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3201	ALL	748288.42	4043760.7	3.22E-08	70YrCancerDerived_InhSoilI	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3202	ALL	748388.42	4043760.7	3.14E-08	70YrCancerDerived_InhSoilI	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3203	ALL	748488.42	4043760.7	3.07E-08	70YrCancerDerived_InhSoilI	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3204	ALL	752688.42	4043760.7	2.31E-08	70YrCancerDerived_InhSoilI	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3205	ALL	752788.42	4043760.7	2.32E-08	70YrCancerDerived_InhSoilI	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3206	ALL	752888.42	4043760.7	2.33E-08	70YrCancerDerived_InhSoilI	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3207	ALL	752988.42	4043760.7	2.34E-08	70YrCancerDerived_InhSoilI	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3208	ALL	753088.42	4043760.7	2.35E-08	70YrCancerDerived_InhSoilI	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3209	ALL	753188.42	4043760.7	2.35E-08	70YrCancerDerived_InhSoilI	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3210	ALL	753288.42	4043760.7	2.35E-08	70YrCancerDerived_InhSoilI	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3211	ALL	753388.42	4043760.7	2.36E-08	70YrCancerDerived_InhSoilI	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3212	ALL	753488.42	4043760.7	2.36E-08	70YrCancerDerived_InhSoilI	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3213	ALL	753588.42	4043760.7	2.36E-08	70YrCancerDerived_InhSoilI	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3214	ALL	753688.42	4043760.7	2.35E-08	70YrCancerDerived_InhSoilI	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3215	ALL	753788.42	4043760.7	2.34E-08	70YrCancerDerived_InhSoilI	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3216	ALL	753888.42	4043760.7	2.34E-08	70YrCancerDerived_InhSoilI	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3217	ALL	753988.42	4043760.7	2.32E-08	70YrCancerDerived_InhSoilI	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3218	ALL	748188.42	4043860.7	3.22E-08	70YrCancerDerived_InhSoilI	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3219	ALL	748288.42	4043860.7	3.15E-08	70YrCancerDerived_InhSoilI	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3220	ALL	748388.42	4043860.7	3.07E-08	70YrCancerDerived_InhSoilI	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3221	ALL	748488.42	4043860.7	3.00E-08	70YrCancerDerived_InhSoilI	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3222	ALL	752688.42	4043860.7	2.26E-08	70YrCancerDerived_InhSoilI	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3223	ALL	752788.42	4043860.7	2.27E-08	70YrCancerDerived_InhSoilI	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3224	ALL	752888.42	4043860.7	2.28E-08	70YrCancerDerived_InhSoilI	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3225	ALL	752988.42	4043860.7	2.28E-08	70YrCancerDerived_InhSoilI	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3226	ALL	748088.42	4043960.7	3.22E-08	70YrCancerDerived_InhSoilI	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3227	ALL	748188.42	4043960.7	3.15E-08	70YrCancerDerived_InhSoilI	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3228	ALL	748288.42	4043960.7	3.08E-08	70YrCancerDerived_InhSoilI	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3229	ALL	748388.42	4043960.7	3.01E-08	70YrCancerDerived_InhSoilI	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3230	ALL	748488.42	4043960.7	2.94E-08	70YrCancerDerived_InhSoilI	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3231	ALL	752688.42	4043960.7	2.21E-08	70YrCancerDerived_InhSoilI	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3232	ALL	752788.42	4043960.7	2.21E-08	70YrCancerDerived_InhSoilI	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3233	ALL	752888.42	4043960.7	2.22E-08	70YrCancerDerived_InhSoilI	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3234	ALL	752988.42	4043960.7	2.23E-08	70YrCancerDerived_InhSoilI	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3235	ALL	748088.42	4044060.7	3.15E-08	70YrCancerDerived_InhSoilI	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3236	ALL	748188.42	4044060.7	3.08E-08	70YrCancerDerived_InhSoilI	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3237	ALL	748288.42	4044060.7	3.02E-08	70YrCancerDerived_InhSoilI	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3238	ALL	748388.42	4044060.7	2.95E-08	70YrCancerDerived_InhSoilI	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3239	ALL	748488.42	4044060.7	2.88E-08	70YrCancerDerived_InhSoilI	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3240	ALL	752688.42	4044060.7	2.16E-08	70YrCancerDerived_InhSoilI	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3241	ALL	752788.42	4044060.7	2.16E-08	70YrCancerDerived_InhSoilI	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3242	ALL	752888.42	4044060.7	2.17E-08	70YrCancerDerived_InhSoilI	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3243	ALL	752988.42	4044060.7	2.18E-08	70YrCancerDerived_InhSoilI	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3244	ALL	748088.42	4044160.7	3.08E-08	70YrCancerDerived_InhSoilI	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3245	ALL	748188.42	4044160.7	3.02E-08	70YrCancerDerived_InhSoilI	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3246	ALL	748288.42	4044160.7	2.95E-08	70YrCancerDerived_InhSoilI	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3247	ALL	748388.42	4044160.7	2.89E-08	70YrCancerDerived_InhSoilI	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3248	ALL	748488.42	4044160.7	2.83E-08	70YrCancerDerived_InhSoilI	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3249	ALL	752688.42	4044160.7	2.12E-08	70YrCancerDerived_InhSoilI	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3250	ALL	752788.42	4044160.7	2.12E-08	70YrCancerDerived_InhSoilI	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3251	ALL	752888.42	4044160.7	2.13E-08	70YrCancerDerived_InhSoilI	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3252	ALL	752988.42	4044160.7	2.13E-08	70YrCancerDerived_InhSoilI	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3253	ALL	748088.42	4044260.7	3.01E-08	70YrCancerDerived_InhSoilI	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3254	ALL	748188.42	4044260.7	2.96E-08	70YrCancerDerived_InhSoilI	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3255	ALL	748288.42	4044260.7	2.90E-08	70YrCancerDerived_InhSoilI	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3256	ALL	748388.42	4044260.7	2.83E-08	70YrCancerDerived_InhSoilI	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3257	ALL	748488.42	4044260.7	2.78E-08	70YrCancerDerived_InhSoilI	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3258	ALL	752688.42	4044260.7	2.07E-08	70YrCancerDerived_InhSoilI	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3259	ALL	752788.42	4044260.7	2.08E-08	70YrCancerDerived_InhSoilI	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3260	ALL	752888.42	4044260.7	2.08E-08	70YrCancerDerived_InhSoilI	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3261	ALL	752988.42	4044260.7	2.09E-08	70YrCancerDerived_InhSoilI	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3262	ALL	748088.42	4044360.7	2.95E-08	70YrCancerDerived_InhSoilI	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3263	ALL	748188.42	4044360.7	2.90E-08	70YrCancerDerived_InhSoilI	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3264	ALL	748288.42	4044360.7	2.84E-08	70YrCancerDerived_InhSoilI	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3265	ALL	748388.42	4044360.7	2.78E-08	70YrCancerDerived_InhSoilI	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3266	ALL	748488.42	4044360.7	2.72E-08	70YrCancerDerived_InhSoilI	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3267	ALL	752688.42	4044360.7	2.04E-08	70YrCancerDerived_InhSoilI	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3268	ALL	752788.42	4044360.7	2.04E-08	70YrCancerDerived_InhSoilI	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3269	ALL	752888.42	4044360.7	2.04E-08	70YrCancerDerived_InhSoilI	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3270	ALL	752988.42	4044360.7	2.05E-08	70YrCancerDerived_InhSoilI	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3271	ALL	748088.42	4044460.7	2.89E-08	70YrCancerDerived_InhSoilI	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3272	ALL	748188.42	4044460.7	2.84E-08	70YrCancerDerived_InhSoilI	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3273	ALL	748288.42	4044460.7	2.78E-08	70YrCancerDerived_InhSoilI	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3274	ALL	748388.42	4044460.7	2.73E-08	70YrCancerDerived_InhSoilI	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3275	ALL	748488.42	4044460.7	2.68E-08	70YrCancerDerived_InhSoilI	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3276	ALL	752688.42	4044460.7	2.00E-08	70YrCancerDerived_InhSoilI	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3277	ALL	752788.42	4044460.7	2.00E-08	70YrCancerDerived_InhSoilI	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3278	ALL	752888.42	4044460.7	2.00E-08	70YrCancerDerived_InhSoilI	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3279	ALL	752988.42	4044460.7	2.01E-08	70YrCancerDerived_InhSoilI	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3280	ALL	748088.42	4044560.7	2.83E-08	70YrCancerDerived_InhSoilI	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3281	ALL	748188.42	4044560.7	2.78E-08	70YrCancerDerived_InhSoilI	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3282	ALL	748288.42	4044560.7	2.73E-08	70YrCancerDerived_InhSoilI	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3283	ALL	748388.42	4044560.7	2.68E-08	70YrCancerDerived_InhSoilI	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3284	ALL	748488.42	4044560.7	2.62E-08	70YrCancerDerived_InhSoilI	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3285	ALL	752688.42	4044560.7	1.97E-08	70YrCancerDerived_InhSoilI	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3286	ALL	752788.42	4044560.7	1.97E-08	70YrCancerDerived_InhSoilI	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3287	ALL	752888.42	4044560.7	1.97E-08	70YrCancerDerived_InhSoilI	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3288	ALL	752988.42	4044560.7	1.97E-08	70YrCancerDerived_InhSoilI	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3289	ALL	748088.42	4044660.7	2.78E-08	70YrCancerDerived_InhSoilI	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3290	ALL	748188.42	4044660.7	2.73E-08	70YrCancerDerived_InhSoilI	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3291	ALL	748288.42	4044660.7	2.68E-08	70YrCancerDerived_InhSoilI	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3292	ALL	748388.42	4044660.7	2.63E-08	70YrCancerDerived_InhSoilI	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3293	ALL	748488.42	4044660.7	2.58E-08	70YrCancerDerived_InhSoilI	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3294	ALL	752688.42	4044660.7	1.93E-08	70YrCancerDerived_InhSoilI	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3295	ALL	752788.42	4044660.7	1.93E-08	70YrCancerDerived_InhSoilI	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3296	ALL	752888.42	4044660.7	1.93E-08	70YrCancerDerived_InhSoilI	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3297	ALL	752988.42	4044660.7	1.94E-08	70YrCancerDerived_InhSoilI	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3298	ALL	748088.42	4044760.7	2.73E-08	70YrCancerDerived_InhSoilI	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3299	ALL	748188.42	4044760.7	2.68E-08	70YrCancerDerived_InhSoilI	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3300	ALL	748288.42	4044760.7	2.63E-08	70YrCancerDerived_InhSoilI	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3301	ALL	748388.42	4044760.7	2.58E-08	70YrCancerDerived_InhSoilI	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3302	ALL	748488.42	4044760.7	2.54E-08	70YrCancerDerived_InhSoilI	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3303	ALL	752688.42	4044760.7	1.91E-08	70YrCancerDerived_InhSoilI	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3304	ALL	752788.42	4044760.7	1.90E-08	70YrCancerDerived_InhSoilI	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3305	ALL	752888.42	4044760.7	1.90E-08	70YrCancerDerived_InhSoilI	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3306	ALL	752988.42	4044760.7	1.90E-08	70YrCancerDerived_InhSoilI	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3307	ALL	748088.42	4044860.7	2.68E-08	70YrCancerDerived_InhSoilI	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3308	ALL	748188.42	4044860.7	2.63E-08	70YrCancerDerived_InhSoilI	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3309	ALL	748288.42	4044860.7	2.59E-08	70YrCancerDerived_InhSoilI	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3310	ALL	748388.42	4044860.7	2.54E-08	70YrCancerDerived_InhSoilI	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3311	ALL	750188.42	4044860.7	2.19E-08	70YrCancerDerived_InhSoilI	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3312	ALL	752688.42	4044860.7	1.88E-08	70YrCancerDerived_InhSoilI	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3313	ALL	752788.42	4044860.7	1.88E-08	70YrCancerDerived_InhSoilI	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3314	ALL	752888.42	4044860.7	1.88E-08	70YrCancerDerived_InhSoilI	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3315	ALL	752988.42	4044860.7	1.87E-08	70YrCancerDerived_InhSoilI	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3316	ALL	748088.42	4044960.7	2.63E-08	70YrCancerDerived_InhSoilI	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3317	ALL	748188.42	4044960.7	2.58E-08	70YrCancerDerived_InhSoilI	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3318	ALL	748288.42	4044960.7	2.54E-08	70YrCancerDerived_InhSoilI	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3319	ALL	748388.42	4044960.7	2.50E-08	70YrCancerDerived_InhSoilI	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3320	ALL	750188.42	4044960.7	2.16E-08	70YrCancerDerived_InhSoilI	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3321	ALL	750288.42	4044960.7	2.14E-08	70YrCancerDerived_InhSoilI	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3322	ALL	750388.42	4044960.7	2.11E-08	70YrCancerDerived_InhSoilI	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3323	ALL	750488.42	4044960.7	2.08E-08	70YrCancerDerived_InhSoilI	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3324	ALL	750588.42	4044960.7	2.05E-08	70YrCancerDerived_InhSoilI	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3325	ALL	750688.42	4044960.7	2.01E-08	70YrCancerDerived_InhSoilI	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3326	ALL	750788.42	4044960.7	1.98E-08	70YrCancerDerived_InhSoilI	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3327	ALL	750888.42	4044960.7	1.95E-08	70YrCancerDerived_InhSoilI	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3328	ALL	750988.42	4044960.7	1.93E-08	70YrCancerDerived_InhSoilI	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3329	ALL	751088.42	4044960.7	1.91E-08	70YrCancerDerived_InhSoilI	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3330	ALL	751188.42	4044960.7	1.90E-08	70YrCancerDerived_InhSoilI	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3331	ALL	751288.42	4044960.7	1.88E-08	70YrCancerDerived_InhSoilI	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3332	ALL	751388.42	4044960.7	1.88E-08	70YrCancerDerived_InhSoilI	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3333	ALL	751488.42	4044960.7	1.87E-08	70YrCancerDerived_InhSoilI	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3334	ALL	751588.42	4044960.7	1.87E-08	70YrCancerDerived_InhSoilI	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3335	ALL	751688.42	4044960.7	1.87E-08	70YrCancerDerived_InhSoilI	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3336	ALL	751788.42	4044960.7	1.87E-08	70YrCancerDerived_InhSoilI	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3337	ALL	751888.42	4044960.7	1.87E-08	70YrCancerDerived_InhSoilI	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3338	ALL	751988.42	4044960.7	1.87E-08	70YrCancerDerived_InhSoilI	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3339	ALL	752088.42	4044960.7	1.87E-08	70YrCancerDerived_InhSoilI	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3340	ALL	752188.42	4044960.7	1.87E-08	70YrCancerDerived_InhSoilI	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3341	ALL	752288.42	4044960.7	1.87E-08	70YrCancerDerived_InhSoilI	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3342	ALL	752388.42	4044960.7	1.87E-08	70YrCancerDerived_InhSoilI	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3343	ALL	752488.42	4044960.7	1.86E-08	70YrCancerDerived_InhSoilI	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3344	ALL	752588.42	4044960.7	1.86E-08	70YrCancerDerived_InhSoilI	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3345	ALL	752688.42	4044960.7	1.86E-08	70YrCancerDerived_InhSoilI	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3346	ALL	752788.42	4044960.7	1.85E-08	70YrCancerDerived_InhSoilI	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3347	ALL	752888.42	4044960.7	1.85E-08	70YrCancerDerived_InhSoilI	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3348	ALL	752988.42	4044960.7	1.85E-08	70YrCancerDerived_InhSoilI	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3349	ALL	748088.42	4045060.7	2.58E-08	70YrCancerDerived_InhSoilI	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3350	ALL	748188.42	4045060.7	2.54E-08	70YrCancerDerived_InhSoilI	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3351	ALL	748288.42	4045060.7	2.50E-08	70YrCancerDerived_InhSoilI	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3352	ALL	748388.42	4045060.7	2.46E-08	70YrCancerDerived_InhSoilI	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3353	ALL	750188.42	4045060.7	2.14E-08	70YrCancerDerived_InhSoilI	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3354	ALL	750288.42	4045060.7	2.12E-08	70YrCancerDerived_InhSoilI	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3355	ALL	750388.42	4045060.7	2.10E-08	70YrCancerDerived_InhSoilI	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3356	ALL	750488.42	4045060.7	2.07E-08	70YrCancerDerived_InhSoilI	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3357	ALL	750588.42	4045060.7	2.03E-08	70YrCancerDerived_InhSoilI	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3358	ALL	750688.42	4045060.7	2.00E-08	70YrCancerDerived_InhSoilI	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3359	ALL	750788.42	4045060.7	1.97E-08	70YrCancerDerived_InhSoilI	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3360	ALL	750888.42	4045060.7	1.94E-08	70YrCancerDerived_InhSoilI	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3361	ALL	750988.42	4045060.7	1.92E-08	70YrCancerDerived_InhSoilI	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3362	ALL	751088.42	4045060.7	1.90E-08	70YrCancerDerived_InhSoilI	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3363	ALL	751188.42	4045060.7	1.88E-08	70YrCancerDerived_InhSoilI	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3364	ALL	751288.42	4045060.7	1.86E-08	70YrCancerDerived_InhSoilI	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3365	ALL	751388.42	4045060.7	1.85E-08	70YrCancerDerived_InhSoilI	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3366	ALL	751488.42	4045060.7	1.85E-08	70YrCancerDerived_InhSoilI	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3367	ALL	751588.42	4045060.7	1.84E-08	70YrCancerDerived_InhSoilI	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3368	ALL	751688.42	4045060.7	1.84E-08	70YrCancerDerived_InhSoilI	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3369	ALL	751788.42	4045060.7	1.84E-08	70YrCancerDerived_InhSoilI	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3370	ALL	751888.42	4045060.7	1.84E-08	70YrCancerDerived_InhSoilI	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3371	ALL	751988.42	4045060.7	1.84E-08	70YrCancerDerived_InhSoilI	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3372	ALL	752088.42	4045060.7	1.84E-08	70YrCancerDerived_InhSoilI	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3373	ALL	752188.42	4045060.7	1.85E-08	70YrCancerDerived_InhSoilI	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3374	ALL	752288.42	4045060.7	1.84E-08	70YrCancerDerived_InhSoilI	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3375	ALL	752388.42	4045060.7	1.84E-08	70YrCancerDerived_InhSoilI	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3376	ALL	752488.42	4045060.7	1.84E-08	70YrCancerDerived_InhSoilI	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3377	ALL	752588.42	4045060.7	1.83E-08	70YrCancerDerived_InhSoilI	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3378	ALL	752688.42	4045060.7	1.83E-08	70YrCancerDerived_InhSoilI	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3379	ALL	752788.42	4045060.7	1.83E-08	70YrCancerDerived_InhSoilI	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3380	ALL	752888.42	4045060.7	1.82E-08	70YrCancerDerived_InhSoilI	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3381	ALL	752988.42	4045060.7	1.82E-08	70YrCancerDerived_InhSoilI	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3382	ALL	748088.42	4045160.7	2.54E-08	70YrCancerDerived_InhSoilI	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3383	ALL	748188.42	4045160.7	2.50E-08	70YrCancerDerived_InhSoilI	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3384	ALL	748288.42	4045160.7	2.46E-08	70YrCancerDerived_InhSoilI	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3385	ALL	748388.42	4045160.7	2.42E-08	70YrCancerDerived_InhSoilI	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3386	ALL	750188.42	4045160.7	2.11E-08	70YrCancerDerived_InhSoilI	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3387	ALL	750288.42	4045160.7	2.10E-08	70YrCancerDerived_InhSoilI	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3388	ALL	750388.42	4045160.7	2.08E-08	70YrCancerDerived_InhSoilI	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3389	ALL	750488.42	4045160.7	2.05E-08	70YrCancerDerived_InhSoilI	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3390	ALL	750588.42	4045160.7	2.02E-08	70YrCancerDerived_InhSoilI	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3391	ALL	750688.42	4045160.7	1.99E-08	70YrCancerDerived_InhSoilI	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3392	ALL	750788.42	4045160.7	1.96E-08	70YrCancerDerived_InhSoilI	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3393	ALL	750888.42	4045160.7	1.93E-08	70YrCancerDerived_InhSoilI	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3394	ALL	750988.42	4045160.7	1.90E-08	70YrCancerDerived_InhSoilI	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3395	ALL	751088.42	4045160.7	1.88E-08	70YrCancerDerived_InhSoilI	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3396	ALL	751188.42	4045160.7	1.86E-08	70YrCancerDerived_InhSoilI	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3397	ALL	751288.42	4045160.7	1.84E-08	70YrCancerDerived_InhSoilI	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3398	ALL	751388.42	4045160.7	1.83E-08	70YrCancerDerived_InhSoilI	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3399	ALL	751488.42	4045160.7	1.82E-08	70YrCancerDerived_InhSoilI	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3400	ALL	751588.42	4045160.7	1.82E-08	70YrCancerDerived_InhSoilI	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3401	ALL	751688.42	4045160.7	1.82E-08	70YrCancerDerived_InhSoilI	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3402	ALL	751788.42	4045160.7	1.82E-08	70YrCancerDerived_InhSoilI	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3403	ALL	751888.42	4045160.7	1.82E-08	70YrCancerDerived_InhSoilI	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3404	ALL	751988.42	4045160.7	1.82E-08	70YrCancerDerived_InhSoilI	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3405	ALL	752088.42	4045160.7	1.82E-08	70YrCancerDerived_InhSoilI	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3406	ALL	752188.42	4045160.7	1.82E-08	70YrCancerDerived_InhSoilI	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3407	ALL	752288.42	4045160.7	1.82E-08	70YrCancerDerived_InhSoilI	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3408	ALL	752388.42	4045160.7	1.82E-08	70YrCancerDerived_InhSoilI	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3409	ALL	752488.42	4045160.7	1.81E-08	70YrCancerDerived_InhSoilI	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3410	ALL	752588.42	4045160.7	1.81E-08	70YrCancerDerived_InhSoilI	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3411	ALL	752688.42	4045160.7	1.81E-08	70YrCancerDerived_InhSoilI	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3412	ALL	752788.42	4045160.7	1.80E-08	70YrCancerDerived_InhSoilI	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3413	ALL	752888.42	4045160.7	1.80E-08	70YrCancerDerived_InhSoilI	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3414	ALL	752988.42	4045160.7	1.80E-08	70YrCancerDerived_InhSoilI	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3415	ALL	748088.42	4045260.7	2.50E-08	70YrCancerDerived_InhSoilI	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3416	ALL	748188.42	4045260.7	2.46E-08	70YrCancerDerived_InhSoilI	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3417	ALL	748288.42	4045260.7	2.42E-08	70YrCancerDerived_InhSoilI	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3418	ALL	748388.42	4045260.7	2.38E-08	70YrCancerDerived_InhSoilI	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3419	ALL	750188.42	4045260.7	2.08E-08	70YrCancerDerived_InhSoilI	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3420	ALL	750288.42	4045260.7	2.07E-08	70YrCancerDerived_InhSoilI	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3421	ALL	750388.42	4045260.7	2.06E-08	70YrCancerDerived_InhSoilI	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3422	ALL	750488.42	4045260.7	2.03E-08	70YrCancerDerived_InhSoilI	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3423	ALL	750588.42	4045260.7	2.01E-08	70YrCancerDerived_InhSoilI	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3424	ALL	750688.42	4045260.7	1.97E-08	70YrCancerDerived_InhSoilI	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3425	ALL	750788.42	4045260.7	1.94E-08	70YrCancerDerived_InhSoilI	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3426	ALL	750888.42	4045260.7	1.91E-08	70YrCancerDerived_InhSoilI	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3427	ALL	750988.42	4045260.7	1.89E-08	70YrCancerDerived_InhSoilI	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3428	ALL	751088.42	4045260.7	1.87E-08	70YrCancerDerived_InhSoilI	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3429	ALL	751188.42	4045260.7	1.85E-08	70YrCancerDerived_InhSoilI	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3430	ALL	751288.42	4045260.7	1.83E-08	70YrCancerDerived_InhSoilI	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3431	ALL	751388.42	4045260.7	1.81E-08	70YrCancerDerived_InhSoilI	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3432	ALL	751488.42	4045260.7	1.80E-08	70YrCancerDerived_InhSoilI	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3433	ALL	751588.42	4045260.7	1.80E-08	70YrCancerDerived_InhSoilI	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3434	ALL	751688.42	4045260.7	1.79E-08	70YrCancerDerived_InhSoilI	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3435	ALL	751788.42	4045260.7	1.79E-08	70YrCancerDerived_InhSoilI	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3436	ALL	751888.42	4045260.7	1.79E-08	70YrCancerDerived_InhSoilI	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3437	ALL	751988.42	4045260.7	1.79E-08	70YrCancerDerived_InhSoilI	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3438	ALL	752088.42	4045260.7	1.79E-08	70YrCancerDerived_InhSoilI	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3439	ALL	752188.42	4045260.7	1.80E-08	70YrCancerDerived_InhSoilI	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3440	ALL	752288.42	4045260.7	1.79E-08	70YrCancerDerived_InhSoilI	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3441	ALL	752388.42	4045260.7	1.79E-08	70YrCancerDerived_InhSoilI	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3442	ALL	752488.42	4045260.7	1.79E-08	70YrCancerDerived_InhSoilI	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3443	ALL	752588.42	4045260.7	1.79E-08	70YrCancerDerived_InhSoilI	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3444	ALL	752688.42	4045260.7	1.79E-08	70YrCancerDerived_InhSoilI	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3445	ALL	752788.42	4045260.7	1.78E-08	70YrCancerDerived_InhSoilI	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3446	ALL	752888.42	4045260.7	1.78E-08	70YrCancerDerived_InhSoilI	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3447	ALL	752988.42	4045260.7	1.78E-08	70YrCancerDerived_InhSoilI	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3448	ALL	748088.42	4045360.7	2.46E-08	70YrCancerDerived_InhSoilI	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3449	ALL	748188.42	4045360.7	2.42E-08	70YrCancerDerived_InhSoilI	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3450	ALL	748288.42	4045360.7	2.38E-08	70YrCancerDerived_InhSoilI	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3451	ALL	748388.42	4045360.7	2.34E-08	70YrCancerDerived_InhSoilI	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3452	ALL	750188.42	4045360.7	2.06E-08	70YrCancerDerived_InhSoilI	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3453	ALL	750288.42	4045360.7	2.05E-08	70YrCancerDerived_InhSoilI	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3454	ALL	750388.42	4045360.7	2.04E-08	70YrCancerDerived_InhSoilI	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3455	ALL	750488.42	4045360.7	2.02E-08	70YrCancerDerived_InhSoilI	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3456	ALL	748088.42	4045460.7	2.41E-08	70YrCancerDerived_InhSoilI	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3457	ALL	748188.42	4045460.7	2.38E-08	70YrCancerDerived_InhSoilI	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3458	ALL	748288.42	4045460.7	2.34E-08	70YrCancerDerived_InhSoilI	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3459	ALL	748388.42	4045460.7	2.31E-08	70YrCancerDerived_InhSoilI	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3460	ALL	750188.42	4045460.7	2.03E-08	70YrCancerDerived_InhSoilI	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3461	ALL	750288.42	4045460.7	2.03E-08	70YrCancerDerived_InhSoilI	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3462	ALL	750388.42	4045460.7	2.02E-08	70YrCancerDerived_InhSoilI	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3463	ALL	750488.42	4045460.7	2.00E-08	70YrCancerDerived_InhSoilI	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3464	ALL	748088.42	4045560.7	2.37E-08	70YrCancerDerived_InhSoilI	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3465	ALL	748188.42	4045560.7	2.34E-08	70YrCancerDerived_InhSoilI	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3466	ALL	748288.42	4045560.7	2.31E-08	70YrCancerDerived_InhSoilI	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3467	ALL	748388.42	4045560.7	2.27E-08	70YrCancerDerived_InhSoilI	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3468	ALL	750188.42	4045560.7	2.00E-08	70YrCancerDerived_InhSoilI	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3469	ALL	750288.42	4045560.7	2.00E-08	70YrCancerDerived_InhSoilI	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3470	ALL	750388.42	4045560.7	2.00E-08	70YrCancerDerived_InhSoilI	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3471	ALL	750488.42	4045560.7	1.98E-08	70YrCancerDerived_InhSoilI	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3472	ALL	748088.42	4045660.7	2.34E-08	70YrCancerDerived_InhSoilI	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3473	ALL	748188.42	4045660.7	2.30E-08	70YrCancerDerived_InhSoilI	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3474	ALL	748288.42	4045660.7	2.27E-08	70YrCancerDerived_InhSoilI	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3475	ALL	748388.42	4045660.7	2.24E-08	70YrCancerDerived_InhSoilI	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3476	ALL	748488.42	4045660.7	2.21E-08	70YrCancerDerived_InhSoilI	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3477	ALL	748588.42	4045660.7	2.18E-08	70YrCancerDerived_InhSoilI	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3478	ALL	748688.42	4045660.7	2.15E-08	70YrCancerDerived_InhSoilI	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3479	ALL	748788.42	4045660.7	2.13E-08	70YrCancerDerived_InhSoilI	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3480	ALL	748888.42	4045660.7	2.11E-08	70YrCancerDerived_InhSoilI	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3481	ALL	748988.42	4045660.7	2.08E-08	70YrCancerDerived_InhSoilI	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3482	ALL	749088.42	4045660.7	2.06E-08	70YrCancerDerived_InhSoilI	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3483	ALL	749188.42	4045660.7	2.04E-08	70YrCancerDerived_InhSoilI	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3484	ALL	749288.42	4045660.7	2.02E-08	70YrCancerDerived_InhSoilI	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3485	ALL	749388.42	4045660.7	2.00E-08	70YrCancerDerived_InhSoilI	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3486	ALL	749488.42	4045660.7	1.98E-08	70YrCancerDerived_InhSoilI	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3487	ALL	749588.42	4045660.7	1.96E-08	70YrCancerDerived_InhSoilI	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3488	ALL	749688.42	4045660.7	1.96E-08	70YrCancerDerived_InhSoilI	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3489	ALL	749788.42	4045660.7	1.96E-08	70YrCancerDerived_InhSoilI	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3490	ALL	749888.42	4045660.7	1.96E-08	70YrCancerDerived_InhSoilI	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3491	ALL	749988.42	4045660.7	1.96E-08	70YrCancerDerived_InhSoilI	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3492	ALL	750088.42	4045660.7	1.97E-08	70YrCancerDerived_InhSoilI	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3493	ALL	750188.42	4045660.7	1.98E-08	70YrCancerDerived_InhSoilI	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3494	ALL	750288.42	4045660.7	1.98E-08	70YrCancerDerived_InhSoilI	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3495	ALL	750388.42	4045660.7	1.97E-08	70YrCancerDerived_InhSoilI	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3496	ALL	750488.42	4045660.7	1.96E-08	70YrCancerDerived_InhSoilI	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3497	ALL	748088.42	4045760.7	2.30E-08	70YrCancerDerived_InhSoilI	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3498	ALL	748188.42	4045760.7	2.27E-08	70YrCancerDerived_InhSoilI	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3499	ALL	748288.42	4045760.7	2.24E-08	70YrCancerDerived_InhSoilI	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3500	ALL	748388.42	4045760.7	2.20E-08	70YrCancerDerived_InhSoilI	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3501	ALL	748488.42	4045760.7	2.17E-08	70YrCancerDerived_InhSoilI	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3502	ALL	748588.42	4045760.7	2.15E-08	70YrCancerDerived_InhSoilI	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3503	ALL	748688.42	4045760.7	2.12E-08	70YrCancerDerived_InhSoilI	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3504	ALL	748788.42	4045760.7	2.10E-08	70YrCancerDerived_InhSoilI	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3505	ALL	748888.42	4045760.7	2.08E-08	70YrCancerDerived_InhSoilI	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3506	ALL	748988.42	4045760.7	2.06E-08	70YrCancerDerived_InhSoilI	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3507	ALL	749088.42	4045760.7	2.04E-08	70YrCancerDerived_InhSoilI	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3508	ALL	749188.42	4045760.7	2.01E-08	70YrCancerDerived_InhSoilI	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3509	ALL	749288.42	4045760.7	1.99E-08	70YrCancerDerived_InhSoilI	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3510	ALL	749388.42	4045760.7	1.97E-08	70YrCancerDerived_InhSoilI	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3511	ALL	749488.42	4045760.7	1.95E-08	70YrCancerDerived_InhSoilI	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3512	ALL	749588.42	4045760.7	1.94E-08	70YrCancerDerived_InhSoilI	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3513	ALL	749688.42	4045760.7	1.93E-08	70YrCancerDerived_InhSoilI	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3514	ALL	749788.42	4045760.7	1.93E-08	70YrCancerDerived_InhSoilI	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3515	ALL	749888.42	4045760.7	1.93E-08	70YrCancerDerived_InhSoilI	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3516	ALL	749988.42	4045760.7	1.94E-08	70YrCancerDerived_InhSoilI	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3517	ALL	750088.42	4045760.7	1.94E-08	70YrCancerDerived_InhSoilI	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3518	ALL	750188.42	4045760.7	1.95E-08	70YrCancerDerived_InhSoilI	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3519	ALL	750288.42	4045760.7	1.95E-08	70YrCancerDerived_InhSoilI	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3520	ALL	750388.42	4045760.7	1.95E-08	70YrCancerDerived_InhSoilI	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3521	ALL	750488.42	4045760.7	1.94E-08	70YrCancerDerived_InhSoilI	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3522	ALL	748088.42	4045860.7	2.27E-08	70YrCancerDerived_InhSoilI	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3523	ALL	748188.42	4045860.7	2.24E-08	70YrCancerDerived_InhSoilI	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3524	ALL	748288.42	4045860.7	2.20E-08	70YrCancerDerived_InhSoilI	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3525	ALL	748388.42	4045860.7	2.17E-08	70YrCancerDerived_InhSoilI	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3526	ALL	748488.42	4045860.7	2.14E-08	70YrCancerDerived_InhSoilI	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3527	ALL	748588.42	4045860.7	2.12E-08	70YrCancerDerived_InhSoilI	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3528	ALL	748688.42	4045860.7	2.09E-08	70YrCancerDerived_InhSoilI	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3529	ALL	748788.42	4045860.7	2.07E-08	70YrCancerDerived_InhSoilI	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3530	ALL	748888.42	4045860.7	2.05E-08	70YrCancerDerived_InhSoilI	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3531	ALL	748988.42	4045860.7	2.03E-08	70YrCancerDerived_InhSoilI	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3532	ALL	749088.42	4045860.7	2.01E-08	70YrCancerDerived_InhSoilI	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3533	ALL	749188.42	4045860.7	1.99E-08	70YrCancerDerived_InhSoilI	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3534	ALL	749288.42	4045860.7	1.97E-08	70YrCancerDerived_InhSoilI	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3535	ALL	749388.42	4045860.7	1.95E-08	70YrCancerDerived_InhSoilI	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3536	ALL	749488.42	4045860.7	1.93E-08	70YrCancerDerived_InhSoilI	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3537	ALL	749588.42	4045860.7	1.92E-08	70YrCancerDerived_InhSoilI	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3538	ALL	749688.42	4045860.7	1.91E-08	70YrCancerDerived_InhSoilI	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3539	ALL	749788.42	4045860.7	1.90E-08	70YrCancerDerived_InhSoilI	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3540	ALL	749888.42	4045860.7	1.90E-08	70YrCancerDerived_InhSoilI	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3541	ALL	749988.42	4045860.7	1.91E-08	70YrCancerDerived_InhSoilI	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3542	ALL	750088.42	4045860.7	1.91E-08	70YrCancerDerived_InhSoilI	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3543	ALL	750188.42	4045860.7	1.92E-08	70YrCancerDerived_InhSoilI	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3544	ALL	750288.42	4045860.7	1.93E-08	70YrCancerDerived_InhSoilI	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3545	ALL	750388.42	4045860.7	1.93E-08	70YrCancerDerived_InhSoilI	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3546	ALL	750488.42	4045860.7	1.92E-08	70YrCancerDerived_InhSoilI	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3547	ALL	745916	4035023	6.98E-08	70YrCancerDerived_InhSoilI	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3548	ALL	745966	4035023	7.10E-08	70YrCancerDerived_InhSoilI	7.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3549	ALL	746016	4035023	7.22E-08	70YrCancerDerived_InhSoilI	7.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3550	ALL	746066	4035023	7.35E-08	70YrCancerDerived_InhSoilI	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3551	ALL	746116	4035023	7.48E-08	70YrCancerDerived_InhSoilI	7.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3552	ALL	746166	4035023	7.62E-08	70YrCancerDerived_InhSoilI	7.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3553	ALL	746216	4035023	7.76E-08	70YrCancerDerived_InhSoilI	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3554	ALL	746266	4035023	7.91E-08	70YrCancerDerived_InhSoilI	7.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3555	ALL	746316	4035023	8.07E-08	70YrCancerDerived_InhSoilI	8.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3556	ALL	746366	4035023	8.24E-08	70YrCancerDerived_InhSoilI	8.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3557	ALL	745916	4035073	7.02E-08	70YrCancerDerived_InhSoilI	7.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3558	ALL	745966	4035073	7.13E-08	70YrCancerDerived_InhSoilI	7.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3559	ALL	746016	4035073	7.28E-08	70YrCancerDerived_InhSoilI	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3560	ALL	746066	4035073	7.42E-08	70YrCancerDerived_InhSoilI	7.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3561	ALL	746116	4035073	7.55E-08	70YrCancerDerived_InhSoilI	7.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3562	ALL	746166	4035073	7.77E-08	70YrCancerDerived_InhSoilI	7.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3563	ALL	746216	4035073	7.94E-08	70YrCancerDerived_InhSoilI	7.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3564	ALL	746266	4035073	8.10E-08	70YrCancerDerived_InhSoilI	8.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3565	ALL	746316	4035073	8.27E-08	70YrCancerDerived_InhSoilI	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3566	ALL	746366	4035073	8.49E-08	70YrCancerDerived_InhSoilI	8.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3567	ALL	745916	4035123	7.05E-08	70YrCancerDerived_InhSoilI	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3568	ALL	745966	4035123	7.17E-08	70YrCancerDerived_InhSoilI	7.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3569	ALL	746016	4035123	7.31E-08	70YrCancerDerived_InhSoilI	7.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3570	ALL	746066	4035123	7.49E-08	70YrCancerDerived_InhSoilI	7.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3571	ALL	746116	4035123	7.64E-08	70YrCancerDerived_InhSoilI	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3572	ALL	746166	4035123	7.86E-08	70YrCancerDerived_InhSoilI	7.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3573	ALL	746216	4035123	8.02E-08	70YrCancerDerived_InhSoilI	8.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3574	ALL	746266	4035123	8.18E-08	70YrCancerDerived_InhSoilI	8.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3575	ALL	746316	4035123	8.34E-08	70YrCancerDerived_InhSoilI	8.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3576	ALL	746366	4035123	8.74E-08	70YrCancerDerived_InhSoilI	8.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3577	ALL	745916	4035173	7.09E-08	70YrCancerDerived_InhSoilI	7.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3578	ALL	745966	4035173	7.20E-08	70YrCancerDerived_InhSoilI	7.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3579	ALL	746016	4035173	7.35E-08	70YrCancerDerived_InhSoilI	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3580	ALL	746066	4035173	7.56E-08	70YrCancerDerived_InhSoilI	7.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3581	ALL	746116	4035173	7.72E-08	70YrCancerDerived_InhSoilI	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3582	ALL	746166	4035173	7.95E-08	70YrCancerDerived_InhSoilI	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3583	ALL	746216	4035173	8.15E-08	70YrCancerDerived_InhSoilI	8.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3584	ALL	746266	4035173	8.34E-08	70YrCancerDerived_InhSoilI	8.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3585	ALL	746316	4035173	8.53E-08	70YrCancerDerived_InhSoilI	8.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3586	ALL	746366	4035173	8.86E-08	70YrCancerDerived_InhSoilI	8.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3587	ALL	745916	4035223	7.11E-08	70YrCancerDerived_InhSoilI	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3588	ALL	745966	4035223	7.24E-08	70YrCancerDerived_InhSoilI	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3589	ALL	746016	4035223	7.42E-08	70YrCancerDerived_InhSoilI	7.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3590	ALL	746066	4035223	7.60E-08	70YrCancerDerived_InhSoilI	7.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3591	ALL	746116	4035223	7.79E-08	70YrCancerDerived_InhSoilI	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3592	ALL	746166	4035223	7.99E-08	70YrCancerDerived_InhSoilI	7.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3593	ALL	746216	4035223	8.19E-08	70YrCancerDerived_InhSoilI	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3594	ALL	746266	4035223	8.40E-08	70YrCancerDerived_InhSoilI	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3595	ALL	746316	4035223	8.62E-08	70YrCancerDerived_InhSoilI	8.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3596	ALL	746366	4035223	8.90E-08	70YrCancerDerived_InhSoilI	8.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3597	ALL	745916	4035273	7.14E-08	70YrCancerDerived_InhSoilI	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3598	ALL	745966	4035273	7.28E-08	70YrCancerDerived_InhSoilI	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3599	ALL	746016	4035273	7.46E-08	70YrCancerDerived_InhSoilI	7.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3600	ALL	746066	4035273	7.63E-08	70YrCancerDerived_InhSoilI	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3601	ALL	746116	4035273	7.81E-08	70YrCancerDerived_InhSoilI	7.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3602	ALL	746166	4035273	8.07E-08	70YrCancerDerived_InhSoilI	8.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3603	ALL	746216	4035273	8.30E-08	70YrCancerDerived_InhSoilI	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3604	ALL	746266	4035273	8.53E-08	70YrCancerDerived_InhSoilI	8.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3605	ALL	746316	4035273	8.77E-08	70YrCancerDerived_InhSoilI	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3606	ALL	746366	4035273	9.03E-08	70YrCancerDerived_InhSoilI	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3607	ALL	745916	4035323	7.17E-08	70YrCancerDerived_InhSoilI	7.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3608	ALL	745966	4035323	7.31E-08	70YrCancerDerived_InhSoilI	7.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3609	ALL	746016	4035323	7.49E-08	70YrCancerDerived_InhSoilI	7.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3610	ALL	746066	4035323	7.64E-08	70YrCancerDerived_InhSoilI	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3611	ALL	746116	4035323	7.81E-08	70YrCancerDerived_InhSoilI	7.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3612	ALL	746166	4035323	8.09E-08	70YrCancerDerived_InhSoilI	8.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3613	ALL	746216	4035323	8.33E-08	70YrCancerDerived_InhSoilI	8.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3614	ALL	746266	4035323	8.59E-08	70YrCancerDerived_InhSoilI	8.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3615	ALL	746316	4035323	8.86E-08	70YrCancerDerived_InhSoilI	8.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3616	ALL	746366	4035323	9.13E-08	70YrCancerDerived_InhSoilI	9.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3617	ALL	745916	4035373	7.23E-08	70YrCancerDerived_InhSoilI	7.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3618	ALL	745966	4035373	7.37E-08	70YrCancerDerived_InhSoilI	7.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3619	ALL	746016	4035373	7.55E-08	70YrCancerDerived_InhSoilI	7.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3620	ALL	746066	4035373	7.67E-08	70YrCancerDerived_InhSoilI	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3621	ALL	746116	4035373	7.84E-08	70YrCancerDerived_InhSoilI	7.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3622	ALL	746166	4035373	8.12E-08	70YrCancerDerived_InhSoilI	8.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3623	ALL	746216	4035373	8.36E-08	70YrCancerDerived_InhSoilI	8.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3624	ALL	746266	4035373	8.62E-08	70YrCancerDerived_InhSoilI	8.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3625	ALL	746316	4035373	8.91E-08	70YrCancerDerived_InhSoilI	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3626	ALL	746366	4035373	9.25E-08	70YrCancerDerived_InhSoilI	9.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3627	ALL	745916	4035423	7.31E-08	70YrCancerDerived_InhSoilI	7.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3628	ALL	745966	4035423	7.45E-08	70YrCancerDerived_InhSoilI	7.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3629	ALL	746016	4035423	7.61E-08	70YrCancerDerived_InhSoilI	7.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3630	ALL	746066	4035423	7.74E-08	70YrCancerDerived_InhSoilI	7.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3631	ALL	746116	4035423	7.91E-08	70YrCancerDerived_InhSoilI	7.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3632	ALL	746166	4035423	8.19E-08	70YrCancerDerived_InhSoilI	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3633	ALL	746216	4035423	8.44E-08	70YrCancerDerived_InhSoilI	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3634	ALL	746266	4035423	8.73E-08	70YrCancerDerived_InhSoilI	8.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3635	ALL	746316	4035423	9.05E-08	70YrCancerDerived_InhSoilI	9.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3636	ALL	746366	4035423	9.31E-08	70YrCancerDerived_InhSoilI	9.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3637	ALL	745916	4035473	7.41E-08	70YrCancerDerived_InhSoilI	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3638	ALL	745966	4035473	7.60E-08	70YrCancerDerived_InhSoilI	7.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3639	ALL		746016	4035473	7.71E-08	70YrCancerDerived_InhSoilI	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3640	ALL		746066	4035473	7.86E-08	70YrCancerDerived_InhSoilI	7.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3641	ALL		746116	4035473	8.04E-08	70YrCancerDerived_InhSoilI	8.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3642	ALL		746166	4035473	8.22E-08	70YrCancerDerived_InhSoilI	8.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3643	ALL		746216	4035473	8.46E-08	70YrCancerDerived_InhSoilI	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3644	ALL		746266	4035473	8.75E-08	70YrCancerDerived_InhSoilI	8.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3645	ALL		746316	4035473	9.08E-08	70YrCancerDerived_InhSoilI	9.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3646	ALL		746366	4035473	9.39E-08	70YrCancerDerived_InhSoilI	9.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3647	ALL		746762.33	4034654.27	1.00E-07	70YrCancerDerived_InhSoilI	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3648	ALL		746812.33	4034654.27	1.03E-07	70YrCancerDerived_InhSoilI	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3649	ALL		746862.33	4034654.27	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3650	ALL		746912.33	4034654.27	1.10E-07	70YrCancerDerived_InhSoilI	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3651	ALL		746962.33	4034654.27	1.14E-07	70YrCancerDerived_InhSoilI	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3652	ALL		746762.33	4034704.27	1.02E-07	70YrCancerDerived_InhSoilI	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3653	ALL		746812.33	4034704.27	1.05E-07	70YrCancerDerived_InhSoilI	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3654	ALL		746862.33	4034704.27	1.09E-07	70YrCancerDerived_InhSoilI	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3655	ALL		746912.33	4034704.27	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3656	ALL		746962.33	4034704.27	1.17E-07	70YrCancerDerived_InhSoilI	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3657	ALL		746762.33	4034754.27	1.04E-07	70YrCancerDerived_InhSoilI	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3658	ALL		746812.33	4034754.27	1.07E-07	70YrCancerDerived_InhSoilI	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3659	ALL		746862.33	4034754.27	1.11E-07	70YrCancerDerived_InhSoilI	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3660	ALL		746912.33	4034754.27	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3661	ALL		746962.33	4034754.27	1.21E-07	70YrCancerDerived_InhSoilI	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3662	ALL		746762.33	4034804.27	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3663	ALL		746812.33	4034804.27	1.10E-07	70YrCancerDerived_InhSoilI	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3664	ALL		746862.33	4034804.27	1.14E-07	70YrCancerDerived_InhSoilI	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3665	ALL		746912.33	4034804.27	1.19E-07	70YrCancerDerived_InhSoilI	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3666	ALL		746962.33	4034804.27	1.25E-07	70YrCancerDerived_InhSoilI	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3667	ALL		746762.33	4034854.27	1.08E-07	70YrCancerDerived_InhSoilI	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3668	ALL		746812.33	4034854.27	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3669	ALL		746862.33	4034854.27	1.17E-07	70YrCancerDerived_InhSoilI	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3670	ALL		746912.33	4034854.27	1.22E-07	70YrCancerDerived_InhSoilI	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3671	ALL		746962.33	4034854.27	1.28E-07	70YrCancerDerived_InhSoilI	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3672	ALL		746762.33	4034904.27	1.10E-07	70YrCancerDerived_InhSoilI	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3673	ALL		746812.33	4034904.27	1.14E-07	70YrCancerDerived_InhSoilI	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3674	ALL		746862.33	4034904.27	1.20E-07	70YrCancerDerived_InhSoilI	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3675	ALL		746912.33	4034904.27	1.26E-07	70YrCancerDerived_InhSoilI	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3676	ALL		746962.33	4034904.27	1.32E-07	70YrCancerDerived_InhSoilI	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3677	ALL		746762.33	4034954.27	1.12E-07	70YrCancerDerived_InhSoilI	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3678	ALL		746812.33	4034954.27	1.18E-07	70YrCancerDerived_InhSoilI	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3679	ALL		746862.33	4034954.27	1.23E-07	70YrCancerDerived_InhSoilI	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3680	ALL		746912.33	4034954.27	1.30E-07	70YrCancerDerived_InhSoilI	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3681	ALL		746962.33	4034954.27	1.37E-07	70YrCancerDerived_InhSoilI	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3682	ALL	SENS	746762.33	4035004.27	1.14E-07	70YrCancerDerived_InhSoilI	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3683	ALL	SENS	746812.33	4035004.27	1.19E-07	70YrCancerDerived_InhSoilI	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3684	ALL	SENS	746862.33	4035004.27	1.26E-07	70YrCancerDerived_InhSoilI	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3685	ALL	SENS	746912.33	4035004.27	1.33E-07	70YrCancerDerived_InhSoilI	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3686	ALL		746962.33	4035004.27	1.41E-07	70YrCancerDerived_InhSoilI	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3687	ALL		746762.33	4035054.27	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3688	ALL		746812.33	4035054.27	1.22E-07	70YrCancerDerived_InhSoilI	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3689	ALL		746862.33	4035054.27	1.29E-07	70YrCancerDerived_InhSoilI	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3690	ALL		746912.33	4035054.27	1.36E-07	70YrCancerDerived_InhSoilI	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3691	ALL		746962.33	4035054.27	1.46E-07	70YrCancerDerived_InhSoilI	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3692	ALL		747420	4038175	6.81E-08	70YrCancerDerived_InhSoilI	6.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3693	ALL		747470	4038175	6.83E-08	70YrCancerDerived_InhSoilI	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3694	ALL		747520	4038175	6.88E-08	70YrCancerDerived_InhSoilI	6.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3695	ALL	SENS	747420	4038225	6.80E-08	70YrCancerDerived_InhSoilI	6.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3696	ALL	SENS	747470	4038225	6.82E-08	70YrCancerDerived_InhSoilI	6.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3697	ALL	SENS	747520	4038225	6.86E-08	70YrCancerDerived_InhSoilI	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3698	ALL	SENS	747420	4038275	6.80E-08	70YrCancerDerived_InhSoilI	6.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3699	ALL	SENS	747470	4038275	6.81E-08	70YrCancerDerived_InhSoilI	6.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3700	ALL	SENS	747520	4038275	6.85E-08	70YrCancerDerived_InhSoilI	6.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3701	ALL		747420	4038325	6.81E-08	70YrCancerDerived_InhSoilI	6.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3702	ALL		747470	4038325	6.82E-08	70YrCancerDerived_InhSoilI	6.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3703	ALL		747520	4038325	6.85E-08	70YrCancerDerived_InhSoilI	6.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3704	ALL		746279	4039819	7.06E-08	70YrCancerDerived_InhSoilI	7.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3705	ALL		746329	4039819	7.09E-08	70YrCancerDerived_InhSoilI	7.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3706	ALL		746379	4039819	7.12E-08	70YrCancerDerived_InhSoilI	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3707	ALL	SENS	746429	4039819	7.16E-08	70YrCancerDerived_InhSoilI	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3708	ALL	SENS	746479	4039819	7.19E-08	70YrCancerDerived_InhSoilI	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3709	ALL		746529	4039819	7.23E-08	70YrCancerDerived_InhSoilI	7.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3710	ALL	SENS	746279	4039869	7.08E-08	70YrCancerDerived_InhSoilI	7.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3711	ALL	SENS	746329	4039869	7.12E-08	70YrCancerDerived_InhSoilI	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3712	ALL	SENS	746379	4039869	7.15E-08	70YrCancerDerived_InhSoilI	7.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3713	ALL	SENS	746429	4039869	7.19E-08	70YrCancerDerived_InhSoilI	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3714	ALL	SENS	746479	4039869	7.24E-08	70YrCancerDerived_InhSoilI	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3715	ALL		746529	4039869	7.28E-08	70YrCancerDerived_InhSoilI	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3716	ALL	SENS	746279	4039919	7.11E-08	70YrCancerDerived_InhSoilI	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3717	ALL	SENS	746329	4039919	7.14E-08	70YrCancerDerived_InhSoilI	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3718	ALL	SENS	746379	4039919	7.19E-08	70YrCancerDerived_InhSoilI	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3719	ALL		746429	4039919	7.23E-08	70YrCancerDerived_InhSoilI	7.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3720	ALL		746479	4039919	7.28E-08	70YrCancerDerived_InhSoilI	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3721	ALL		746529	4039919	7.33E-08	70YrCancerDerived_InhSoilI	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3722	ALL		746279	4039969	7.15E-08	70YrCancerDerived_InhSoilI	7.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3723	ALL		746329	4039969	7.19E-08	70YrCancerDerived_InhSoilI	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3724	ALL		746379	4039969	7.24E-08	70YrCancerDerived_InhSoilI	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3725	ALL		746429	4039969	7.28E-08	70YrCancerDerived_InhSoilI	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3726	ALL		746479	4039969	7.34E-08	70YrCancerDerived_InhSoilI	7.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3727	ALL		746529	4039969	7.39E-08	70YrCancerDerived_InhSoilI	7.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3728	ALL		746279	4040019	7.22E-08	70YrCancerDerived_InhSoilI	7.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3729	ALL		746329	4040019	7.26E-08	70YrCancerDerived_InhSoilI	7.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3730	ALL		746379	4040019	7.31E-08	70YrCancerDerived_InhSoilI	7.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3731	ALL		746429	4040019	7.36E-08	70YrCancerDerived_InhSoilI	7.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3732	ALL		746479	4040019	7.42E-08	70YrCancerDerived_InhSoilI	7.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3733	ALL		746529	4040019	7.48E-08	70YrCancerDerived_InhSoilI	7.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3734	ALL		746566	4040066	7.63E-08	70YrCancerDerived_InhSoilI	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3735	ALL	SENS	746576	4040066	7.64E-08	70YrCancerDerived_InhSoilI	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3736	ALL	SENS	746586	4040066	7.66E-08	70YrCancerDerived_InhSoilI	7.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3737	ALL	SENS	746596	4040066	7.68E-08	70YrCancerDerived_InhSoilI	7.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3738	ALL	SENS	746606	4040066	7.69E-08	70YrCancerDerived_InhSoilI	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3739	ALL	SENS	746616	4040066	7.71E-08	70YrCancerDerived_InhSoilI	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3740	ALL	SENS	746566	4040076	7.65E-08	70YrCancerDerived_InhSoilI	7.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3741	ALL	SENS	746576	4040076	7.67E-08	70YrCancerDerived_InhSoilI	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3742	ALL	SENS	746586	4040076	7.69E-08	70YrCancerDerived_InhSoilI	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3743	ALL	SENS	746596	4040076	7.70E-08	70YrCancerDerived_InhSoilI	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3744	ALL	SENS	746606	4040076	7.72E-08	70YrCancerDerived_InhSoilI	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3745	ALL	SENS	746616	4040076	7.73E-08	70YrCancerDerived_InhSoilI	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3746	ALL	SENS	746566	4040086	7.68E-08	70YrCancerDerived_InhSoilI	7.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3747	ALL	SENS	746576	4040086	7.70E-08	70YrCancerDerived_InhSoilI	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3748	ALL	SENS	746586	4040086	7.72E-08	70YrCancerDerived_InhSoilI	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3749	ALL	SENS	746596	4040086	7.73E-08	70YrCancerDerived_InhSoilI	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3750	ALL	SENS	746606	4040086	7.75E-08	70YrCancerDerived_InhSoilI	7.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3751	ALL	SENS	746616	4040086	7.76E-08	70YrCancerDerived_InhSoilI	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3752	ALL	SENS	746566	4040096	7.71E-08	70YrCancerDerived_InhSoilI	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3753	ALL	SENS	746576	4040096	7.73E-08	70YrCancerDerived_InhSoilI	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3754	ALL	SENS	746586	4040096	7.75E-08	70YrCancerDerived_InhSoilI	7.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3755	ALL	SENS	746596	4040096	7.76E-08	70YrCancerDerived_InhSoilI	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3756	ALL	SENS	746606	4040096	7.78E-08	70YrCancerDerived_InhSoilI	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3757	ALL	SENS	746616	4040096	7.79E-08	70YrCancerDerived_InhSoilI	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3758	ALL	SENS	746566	4040106	7.74E-08	70YrCancerDerived_InhSoilI	7.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3759	ALL	SENS	746576	4040106	7.76E-08	70YrCancerDerived_InhSoilI	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3760	ALL	SENS	746586	4040106	7.77E-08	70YrCancerDerived_InhSoilI	7.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3761	ALL	SENS	746596	4040106	7.79E-08	70YrCancerDerived_InhSoilI	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3762	ALL	SENS	746606	4040106	7.81E-08	70YrCancerDerived_InhSoilI	7.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3763	ALL	SENS	746616	4040106	7.82E-08	70YrCancerDerived_InhSoilI	7.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3764	ALL	SENS	746566	4040116	7.77E-08	70YrCancerDerived_InhSoilI	7.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3765	ALL	SENS	746576	4040116	7.79E-08	70YrCancerDerived_InhSoilI	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3766	ALL	SENS	746586	4040116	7.81E-08	70YrCancerDerived_InhSoilI	7.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3767	ALL	SENS	746596	4040116	7.82E-08	70YrCancerDerived_InhSoilI	7.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3768	ALL	SENS	746606	4040116	7.84E-08	70YrCancerDerived_InhSoilI	7.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3769	ALL	SENS	746616	4040116	7.85E-08	70YrCancerDerived_InhSoilI	7.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3770	ALL	SENS	746566	4040126	7.80E-08	70YrCancerDerived_InhSoilI	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3771	ALL	SENS	746576	4040126	7.82E-08	70YrCancerDerived_InhSoilI	7.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3772	ALL	SENS	746586	4040126	7.84E-08	70YrCancerDerived_InhSoilI	7.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3773	ALL	SENS	746596	4040126	7.85E-08	70YrCancerDerived_InhSoilI	7.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3774	ALL	SENS	746606	4040126	7.87E-08	70YrCancerDerived_InhSoilI	7.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3775	ALL	SENS	746616	4040126	7.89E-08	70YrCancerDerived_InhSoilI	7.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3776	ALL	SENS	746566	4040136	7.83E-08	70YrCancerDerived_InhSoilI	7.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3777	ALL	SENS	746576	4040136	7.85E-08	70YrCancerDerived_InhSoilI	7.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3778	ALL	SENS	746586	4040136	7.87E-08	70YrCancerDerived_InhSoilI	7.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3779	ALL	SENS	746596	4040136	7.89E-08	70YrCancerDerived_InhSoilI	7.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3780	ALL	SENS	746606	4040136	7.90E-08	70YrCancerDerived_InhSoilI	7.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3781	ALL	SENS	746616	4040136	7.92E-08	70YrCancerDerived_InhSoilI	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3782	ALL	SENS	746566	4040146	7.86E-08	70YrCancerDerived_InhSoilI	7.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3783	ALL	SENS	746576	4040146	7.88E-08	70YrCancerDerived_InhSoilI	7.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3784	ALL	SENS	746586	4040146	7.90E-08	70YrCancerDerived_InhSoilI	7.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3785	ALL	SENS	746596	4040146	7.92E-08	70YrCancerDerived_InhSoilI	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3786	ALL	SENS	746606	4040146	7.94E-08	70YrCancerDerived_InhSoilI	7.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3787	ALL	SENS	746616	4040146	7.95E-08	70YrCancerDerived_InhSoilI	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3788	ALL	SENS	746566	4040156	7.89E-08	70YrCancerDerived_InhSoilI	7.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3789	ALL	SENS	746576	4040156	7.92E-08	70YrCancerDerived_InhSoilI	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3790	ALL	SENS	746586	4040156	7.94E-08	70YrCancerDerived_InhSoilI	7.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3791	ALL	SENS	746596	4040156	7.95E-08	70YrCancerDerived_InhSoilI	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3792	ALL	SENS	746606	4040156	7.97E-08	70YrCancerDerived_InhSoilI	7.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3793	ALL	SENS	746616	4040156	7.99E-08	70YrCancerDerived_InhSoilI	7.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3794	ALL	SENS	746566	4040166	7.93E-08	70YrCancerDerived_InhSoilI	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3795	ALL	SENS	746576	4040166	7.95E-08	70YrCancerDerived_InhSoilI	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3796	ALL	SENS	746586	4040166	7.97E-08	70YrCancerDerived_InhSoilI	7.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3797	ALL	SENS	746596	4040166	7.99E-08	70YrCancerDerived_InhSoilI	7.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3798	ALL	SENS	746606	4040166	8.01E-08	70YrCancerDerived_InhSoilI	8.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3799	ALL	SENS	746616	4040166	8.02E-08	70YrCancerDerived_InhSoilI	8.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3800	ALL		746559.72	4040315.67	8.38E-08	70YrCancerDerived_InhSoilI	8.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3801	ALL		746569.72	4040315.67	8.41E-08	70YrCancerDerived_InhSoilI	8.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3802	ALL		746579.72	4040315.67	8.44E-08	70YrCancerDerived_InhSoilI	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3803	ALL		746589.72	4040315.67	8.47E-08	70YrCancerDerived_InhSoilI	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3804	ALL		746599.72	4040315.67	8.49E-08	70YrCancerDerived_InhSoilI	8.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3805	ALL		746609.72	4040315.67	8.51E-08	70YrCancerDerived_InhSoilI	8.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3806	ALL		746619.72	4040315.67	8.54E-08	70YrCancerDerived_InhSoilI	8.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3807	ALL		746559.72	4040325.67	8.40E-08	70YrCancerDerived_InhSoilI	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3808	ALL		746569.72	4040325.67	8.44E-08	70YrCancerDerived_InhSoilI	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3809	ALL		746579.72	4040325.67	8.47E-08	70YrCancerDerived_InhSoilI	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3810	ALL		746589.72	4040325.67	8.50E-08	70YrCancerDerived_InhSoilI	8.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3811	ALL		746599.72	4040325.67	8.52E-08	70YrCancerDerived_InhSoilI	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3812	ALL		746609.72	4040325.67	8.54E-08	70YrCancerDerived_InhSoilI	8.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3813	ALL		746619.72	4040325.67	8.57E-08	70YrCancerDerived_InhSoilI	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3814	ALL		746559.72	4040335.67	8.43E-08	70YrCancerDerived_InhSoilI	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3815	ALL		746569.72	4040335.67	8.47E-08	70YrCancerDerived_InhSoilI	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3816	ALL		746579.72	4040335.67	8.50E-08	70YrCancerDerived_InhSoilI	8.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3817	ALL		746589.72	4040335.67	8.52E-08	70YrCancerDerived_InhSoilI	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3818	ALL		746599.72	4040335.67	8.55E-08	70YrCancerDerived_InhSoilI	8.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3819	ALL		746609.72	4040335.67	8.57E-08	70YrCancerDerived_InhSoilI	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3820	ALL		746619.72	4040335.67	8.60E-08	70YrCancerDerived_InhSoilI	8.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3821	ALL		746559.72	4040345.67	8.46E-08	70YrCancerDerived_InhSoilI	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3822	ALL		746569.72	4040345.67	8.50E-08	70YrCancerDerived_InhSoilI	8.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3823	ALL		746579.72	4040345.67	8.53E-08	70YrCancerDerived_InhSoilI	8.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3824	ALL		746589.72	4040345.67	8.55E-08	70YrCancerDerived_InhSoilI	8.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3825	ALL		746599.72	4040345.67	8.57E-08	70YrCancerDerived_InhSoilI	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3826	ALL		746609.72	4040345.67	8.60E-08	70YrCancerDerived_InhSoilI	8.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3827	ALL		746619.72	4040345.67	8.63E-08	70YrCancerDerived_InhSoilI	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3828	ALL		746559.72	4040355.67	8.49E-08	70YrCancerDerived_InhSoilI	8.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3829	ALL		746569.72	4040355.67	8.53E-08	70YrCancerDerived_InhSoilI	8.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3830	ALL		746579.72	4040355.67	8.56E-08	70YrCancerDerived_InhSoilI	8.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3831	ALL		746589.72	4040355.67	8.58E-08	70YrCancerDerived_InhSoilI	8.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3832	ALL		746599.72	4040355.67	8.60E-08	70YrCancerDerived_InhSoilI	8.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3833	ALL		746609.72	4040355.67	8.63E-08	70YrCancerDerived_InhSoilI	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3834	ALL		746619.72	4040355.67	8.65E-08	70YrCancerDerived_InhSoilI	8.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3835	ALL		746554	4040469	8.71E-08	70YrCancerDerived_InhSoilI	8.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3836	ALL	SENS	746564	4040469	8.75E-08	70YrCancerDerived_InhSoilI	8.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3837	ALL	SENS	746574	4040469	8.78E-08	70YrCancerDerived_InhSoilI	8.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3838	ALL	SENS	746584	4040469	8.81E-08	70YrCancerDerived_InhSoilI	8.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3839	ALL	SENS	746594	4040469	8.84E-08	70YrCancerDerived_InhSoilI	8.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3840	ALL	SENS	746604	4040469	8.87E-08	70YrCancerDerived_InhSoilI	8.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3841	ALL	SENS	746614	4040469	8.89E-08	70YrCancerDerived_InhSoilI	8.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3842	ALL	SENS	746624	4040469	8.93E-08	70YrCancerDerived_InhSoilI	8.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3843	ALL	SENS	746634	4040469	8.96E-08	70YrCancerDerived_InhSoilI	8.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3844	ALL	SENS	746554	4040479	8.73E-08	70YrCancerDerived_InhSoilI	8.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3845	ALL	SENS	746564	4040479	8.77E-08	70YrCancerDerived_InhSoilI	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3846	ALL	SENS	746574	4040479	8.81E-08	70YrCancerDerived_InhSoilI	8.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3847	ALL	SENS	746584	4040479	8.84E-08	70YrCancerDerived_InhSoilI	8.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3848	ALL	SENS	746594	4040479	8.86E-08	70YrCancerDerived_InhSoilI	8.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3849	ALL	SENS	746604	4040479	8.89E-08	70YrCancerDerived_InhSoilI	8.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3850	ALL	SENS	746614	4040479	8.91E-08	70YrCancerDerived_InhSoilI	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3851	ALL	SENS	746624	4040479	8.95E-08	70YrCancerDerived_InhSoilI	8.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3852	ALL	SENS	746634	4040479	8.98E-08	70YrCancerDerived_InhSoilI	8.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3853	ALL	SENS	746554	4040489	8.74E-08	70YrCancerDerived_InhSoilI	8.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3854	ALL	SENS	746564	4040489	8.79E-08	70YrCancerDerived_InhSoilI	8.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3855	ALL	SENS	746574	4040489	8.83E-08	70YrCancerDerived_InhSoilI	8.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3856	ALL	SENS	746584	4040489	8.86E-08	70YrCancerDerived_InhSoilI	8.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3857	ALL	SENS	746594	4040489	8.89E-08	70YrCancerDerived_InhSoilI	8.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3858	ALL	SENS	746604	4040489	8.91E-08	70YrCancerDerived_InhSoilI	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3859	ALL	SENS	746614	4040489	8.93E-08	70YrCancerDerived_InhSoilI	8.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3860	ALL	SENS	746624	4040489	8.97E-08	70YrCancerDerived_InhSoilI	8.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3861	ALL	SENS	746634	4040489	9.00E-08	70YrCancerDerived_InhSoilI	9.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3862	ALL	SENS	746554	4040499	8.76E-08	70YrCancerDerived_InhSoilI	8.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3863	ALL	SENS	746564	4040499	8.81E-08	70YrCancerDerived_InhSoilI	8.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3864	ALL	SENS	746574	4040499	8.85E-08	70YrCancerDerived_InhSoilI	8.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3865	ALL	SENS	746584	4040499	8.88E-08	70YrCancerDerived_InhSoilI	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3866	ALL	SENS	746594	4040499	8.91E-08	70YrCancerDerived_InhSoilI	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3867	ALL	SENS	746604	4040499	8.93E-08	70YrCancerDerived_InhSoilI	8.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3868	ALL	SENS	746614	4040499	8.95E-08	70YrCancerDerived_InhSoilI	8.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3869	ALL	SENS	746624	4040499	8.99E-08	70YrCancerDerived_InhSoilI	8.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3870	ALL	SENS	746634	4040499	9.02E-08	70YrCancerDerived_InhSoilI	9.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3871	ALL	SENS	746554	4040509	8.78E-08	70YrCancerDerived_InhSoilI	8.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3872	ALL	SENS	746564	4040509	8.83E-08	70YrCancerDerived_InhSoilI	8.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3873	ALL	SENS	746574	4040509	8.87E-08	70YrCancerDerived_InhSoilI	8.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3874	ALL	SENS	746584	4040509	8.90E-08	70YrCancerDerived_InhSoilI	8.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3875	ALL	SENS	746594	4040509	8.92E-08	70YrCancerDerived_InhSoilI	8.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3876	ALL	SENS	746604	4040509	8.95E-08	70YrCancerDerived_InhSoilI	8.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3877	ALL	SENS	746614	4040509	8.98E-08	70YrCancerDerived_InhSoilI	8.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3878	ALL	SENS	746624	4040509	9.01E-08	70YrCancerDerived_InhSoilI	9.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3879	ALL	SENS	746634	4040509	9.04E-08	70YrCancerDerived_InhSoilI	9.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3880	ALL	SENS	746554	4040519	8.79E-08	70YrCancerDerived_InhSoilI	8.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3881	ALL	SENS	746564	4040519	8.85E-08	70YrCancerDerived_InhSoilI	8.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3882	ALL	SENS	746574	4040519	8.88E-08	70YrCancerDerived_InhSoilI	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3883	ALL	SENS	746584	4040519	8.91E-08	70YrCancerDerived_InhSoilI	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3884	ALL	SENS	746594	4040519	8.94E-08	70YrCancerDerived_InhSoilI	8.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3885	ALL	SENS	746604	4040519	8.97E-08	70YrCancerDerived_InhSoilI	8.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3886	ALL	SENS	746614	4040519	9.00E-08	70YrCancerDerived_InhSoilI	9.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3887	ALL	SENS	746624	4040519	9.03E-08	70YrCancerDerived_InhSoilI	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3888	ALL	SENS	746634	4040519	9.06E-08	70YrCancerDerived_InhSoilI	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3889	ALL	SENS	746491	4040326	8.26E-08	70YrCancerDerived_InhSoilI	8.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3890	ALL	SENS	746501	4040326	8.28E-08	70YrCancerDerived_InhSoilI	8.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3891	ALL	SENS	746511	4040326	8.30E-08	70YrCancerDerived_InhSoilI	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3892	ALL	SENS	746521	4040326	8.32E-08	70YrCancerDerived_InhSoilI	8.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3893	ALL	SENS	746531	4040326	8.34E-08	70YrCancerDerived_InhSoilI	8.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3894	ALL	SENS	746541	4040326	8.37E-08	70YrCancerDerived_InhSoilI	8.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3895	ALL	SENS	746491	4040336	8.28E-08	70YrCancerDerived_InhSoilI	8.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3896	ALL	SENS	746501	4040336	8.30E-08	70YrCancerDerived_InhSoilI	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3897	ALL	SENS	746511	4040336	8.33E-08	70YrCancerDerived_InhSoilI	8.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3898	ALL	SENS	746521	4040336	8.35E-08	70YrCancerDerived_InhSoilI	8.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3899	ALL	SENS	746531	4040336	8.37E-08	70YrCancerDerived_InhSoilI	8.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3900	ALL	SENS	746541	4040336	8.40E-08	70YrCancerDerived_InhSoilI	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3901	ALL	SENS	746491	4040346	8.31E-08	70YrCancerDerived_InhSoilI	8.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3902	ALL	SENS	746501	4040346	8.33E-08	70YrCancerDerived_InhSoilI	8.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3903	ALL	SENS	746511	4040346	8.35E-08	70YrCancerDerived_InhSoilI	8.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3904	ALL	SENS	746521	4040346	8.37E-08	70YrCancerDerived_InhSoilI	8.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3905	ALL	SENS	746531	4040346	8.40E-08	70YrCancerDerived_InhSoilI	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3906	ALL	SENS	746541	4040346	8.42E-08	70YrCancerDerived_InhSoilI	8.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3907	ALL	SENS	746491	4040356	8.33E-08	70YrCancerDerived_InhSoilI	8.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3908	ALL	SENS	746501	4040356	8.35E-08	70YrCancerDerived_InhSoilI	8.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3909	ALL	SENS	746511	4040356	8.38E-08	70YrCancerDerived_InhSoilI	8.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3910	ALL	SENS	746521	4040356	8.40E-08	70YrCancerDerived_InhSoilI	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3911	ALL	SENS	746531	4040356	8.42E-08	70YrCancerDerived_InhSoilI	8.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3912	ALL	SENS	746541	4040356	8.45E-08	70YrCancerDerived_InhSoilI	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3913	ALL	SENS	746491	4040366	8.36E-08	70YrCancerDerived_InhSoilI	8.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3914	ALL	SENS	746501	4040366	8.38E-08	70YrCancerDerived_InhSoilI	8.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3915	ALL	SENS	746511	4040366	8.40E-08	70YrCancerDerived_InhSoilI	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3916	ALL	SENS	746521	4040366	8.42E-08	70YrCancerDerived_InhSoilI	8.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3917	ALL	SENS	746531	4040366	8.45E-08	70YrCancerDerived_InhSoilI	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3918	ALL	SENS	746541	4040366	8.47E-08	70YrCancerDerived_InhSoilI	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3919	ALL	SENS	746491	4040376	8.38E-08	70YrCancerDerived_InhSoilI	8.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3920	ALL	SENS	746501	4040376	8.40E-08	70YrCancerDerived_InhSoilI	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3921	ALL	SENS	746511	4040376	8.42E-08	70YrCancerDerived_InhSoilI	8.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3922	ALL	SENS	746521	4040376	8.44E-08	70YrCancerDerived_InhSoilI	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3923	ALL	SENS	746531	4040376	8.47E-08	70YrCancerDerived_InhSoilI	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3924	ALL	SENS	746541	4040376	8.50E-08	70YrCancerDerived_InhSoilI	8.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3925	ALL	SENS	746491	4040386	8.40E-08	70YrCancerDerived_InhSoilI	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3926	ALL	SENS	746501	4040386	8.42E-08	70YrCancerDerived_InhSoilI	8.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3927	ALL	SENS	746511	4040386	8.45E-08	70YrCancerDerived_InhSoilI	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3928	ALL	SENS	746521	4040386	8.47E-08	70YrCancerDerived_InhSoilI	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3929	ALL	SENS	746531	4040386	8.50E-08	70YrCancerDerived_InhSoilI	8.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3930	ALL	SENS	746541	4040386	8.52E-08	70YrCancerDerived_InhSoilI	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3931	ALL	SENS	746491	4040396	8.42E-08	70YrCancerDerived_InhSoilI	8.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3932	ALL	SENS	746501	4040396	8.45E-08	70YrCancerDerived_InhSoilI	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3933	ALL	SENS	746511	4040396	8.47E-08	70YrCancerDerived_InhSoilI	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3934	ALL	SENS	746521	4040396	8.49E-08	70YrCancerDerived_InhSoilI	8.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3935	ALL	SENS	746531	4040396	8.52E-08	70YrCancerDerived_InhSoilI	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3936	ALL	SENS	746541	4040396	8.54E-08	70YrCancerDerived_InhSoilI	8.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3937	ALL	SENS	746491	4040406	8.44E-08	70YrCancerDerived_InhSoilI	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3938	ALL	SENS	746501	4040406	8.47E-08	70YrCancerDerived_InhSoilI	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3939	ALL	SENS	746511	4040406	8.50E-08	70YrCancerDerived_InhSoilI	8.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3940	ALL	SENS	746521	4040406	8.52E-08	70YrCancerDerived_InhSoilI	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3941	ALL	SENS	746531	4040406	8.55E-08	70YrCancerDerived_InhSoilI	8.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3942	ALL	SENS	746541	4040406	8.57E-08	70YrCancerDerived_InhSoilI	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3943	ALL	SENS	746491	4040416	8.46E-08	70YrCancerDerived_InhSoilI	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3944	ALL	SENS	746501	4040416	8.49E-08	70YrCancerDerived_InhSoilI	8.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3945	ALL	SENS	746511	4040416	8.52E-08	70YrCancerDerived_InhSoilI	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3946	ALL	SENS	746521	4040416	8.55E-08	70YrCancerDerived_InhSoilI	8.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3947	ALL	SENS	746531	4040416	8.57E-08	70YrCancerDerived_InhSoilI	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3948	ALL	SENS	746541	4040416	8.59E-08	70YrCancerDerived_InhSoilI	8.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3949	ALL	SENS	746491	4040426	8.48E-08	70YrCancerDerived_InhSoilI	8.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3950	ALL	SENS	746501	4040426	8.50E-08	70YrCancerDerived_InhSoilI	8.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3951	ALL	SENS	746511	4040426	8.53E-08	70YrCancerDerived_InhSoilI	8.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3952	ALL	SENS	746521	4040426	8.56E-08	70YrCancerDerived_InhSoilI	8.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3953	ALL	SENS	746531	4040426	8.59E-08	70YrCancerDerived_InhSoilI	8.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3954	ALL	SENS	746541	4040426	8.60E-08	70YrCancerDerived_InhSoilI	8.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3955	ALL	SENS	746491	4040436	8.50E-08	70YrCancerDerived_InhSoilI	8.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3956	ALL	SENS	746501	4040436	8.52E-08	70YrCancerDerived_InhSoilI	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3957	ALL	SENS	746511	4040436	8.55E-08	70YrCancerDerived_InhSoilI	8.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3958	ALL	SENS	746521	4040436	8.57E-08	70YrCancerDerived_InhSoilI	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3959	ALL	SENS	746531	4040436	8.60E-08	70YrCancerDerived_InhSoilI	8.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3960	ALL	SENS	746541	4040436	8.62E-08	70YrCancerDerived_InhSoilI	8.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3961	ALL	SENS	746491	4040446	8.52E-08	70YrCancerDerived_InhSoilI	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3962	ALL	SENS	746501	4040446	8.54E-08	70YrCancerDerived_InhSoilI	8.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3963	ALL	SENS	746511	4040446	8.56E-08	70YrCancerDerived_InhSoilI	8.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3964	ALL	SENS	746521	4040446	8.58E-08	70YrCancerDerived_InhSoilI	8.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3965	ALL	SENS	746531	4040446	8.61E-08	70YrCancerDerived_InhSoilI	8.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3966	ALL	SENS	746541	4040446	8.64E-08	70YrCancerDerived_InhSoilI	8.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3967	ALL	SENS	746491	4040456	8.53E-08	70YrCancerDerived_InhSoilI	8.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3968	ALL	SENS	746501	4040456	8.56E-08	70YrCancerDerived_InhSoilI	8.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3969	ALL	SENS	746511	4040456	8.58E-08	70YrCancerDerived_InhSoilI	8.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3970	ALL	SENS	746521	4040456	8.60E-08	70YrCancerDerived_InhSoilI	8.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3971	ALL	SENS	746531	4040456	8.64E-08	70YrCancerDerived_InhSoilI	8.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3972	ALL	SENS	746541	4040456	8.66E-08	70YrCancerDerived_InhSoilI	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3973	ALL	SENS	746491	4040466	8.55E-08	70YrCancerDerived_InhSoilI	8.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3974	ALL	SENS	746501	4040466	8.57E-08	70YrCancerDerived_InhSoilI	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3975	ALL	SENS	746511	4040466	8.60E-08	70YrCancerDerived_InhSoilI	8.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3976	ALL	SENS	746521	4040466	8.63E-08	70YrCancerDerived_InhSoilI	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3977	ALL	SENS	746531	4040466	8.66E-08	70YrCancerDerived_InhSoilI	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3978	ALL	SENS	746541	4040466	8.68E-08	70YrCancerDerived_InhSoilI	8.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3979	ALL	SENS	746491	4040476	8.56E-08	70YrCancerDerived_InhSoilI	8.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3980	ALL	SENS	746501	4040476	8.59E-08	70YrCancerDerived_InhSoilI	8.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3981	ALL	SENS	746511	4040476	8.62E-08	70YrCancerDerived_InhSoilI	8.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3982	ALL	SENS	746521	4040476	8.65E-08	70YrCancerDerived_InhSoilI	8.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3983	ALL	SENS	746531	4040476	8.68E-08	70YrCancerDerived_InhSoilI	8.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3984	ALL	SENS	746541	4040476	8.70E-08	70YrCancerDerived_InhSoilI	8.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3985	ALL	SENS	746491	4040486	8.58E-08	70YrCancerDerived_InhSoilI	8.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3986	ALL	SENS	746501	4040486	8.60E-08	70YrCancerDerived_InhSoilI	8.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3987	ALL	SENS	746511	4040486	8.63E-08	70YrCancerDerived_InhSoilI	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3988	ALL	SENS	746521	4040486	8.66E-08	70YrCancerDerived_InhSoilI	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3989	ALL	SENS	746531	4040486	8.69E-08	70YrCancerDerived_InhSoilI	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3990	ALL	SENS	746541	4040486	8.71E-08	70YrCancerDerived_InhSoilI	8.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3991	ALL	SENS	746491	4040496	8.59E-08	70YrCancerDerived_InhSoilI	8.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3992	ALL	SENS	746501	4040496	8.62E-08	70YrCancerDerived_InhSoilI	8.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3993	ALL	SENS	746511	4040496	8.65E-08	70YrCancerDerived_InhSoilI	8.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3994	ALL	SENS	746521	4040496	8.67E-08	70YrCancerDerived_InhSoilI	8.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3995	ALL	SENS	746531	4040496	8.70E-08	70YrCancerDerived_InhSoilI	8.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3996	ALL	SENS	746541	4040496	8.73E-08	70YrCancerDerived_InhSoilI	8.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3997	ALL	SENS	746491	4040506	8.61E-08	70YrCancerDerived_InhSoilI	8.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3998	ALL	SENS	746501	4040506	8.64E-08	70YrCancerDerived_InhSoilI	8.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
3999	ALL	SENS	746511	4040506	8.66E-08	70YrCancerDerived_InhSoilI	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4000	ALL	SENS	746521	4040506	8.69E-08	70YrCancerDerived_InhSoilI	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4001	ALL		746531	4040506	8.72E-08	70YrCancerDerived_InhSoilI	8.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4002	ALL		746541	4040506	8.74E-08	70YrCancerDerived_InhSoilI	8.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4003	ALL		746491	4040516	8.63E-08	70YrCancerDerived_InhSoilI	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4004	ALL		746501	4040516	8.65E-08	70YrCancerDerived_InhSoilI	8.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4005	ALL		746511	4040516	8.68E-08	70YrCancerDerived_InhSoilI	8.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4006	ALL		746521	4040516	8.70E-08	70YrCancerDerived_InhSoilI	8.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4007	ALL		746531	4040516	8.73E-08	70YrCancerDerived_InhSoilI	8.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4008	ALL		746541	4040516	8.76E-08	70YrCancerDerived_InhSoilI	8.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4009	ALL		746491	4040526	8.64E-08	70YrCancerDerived_InhSoilI	8.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4010	ALL		746501	4040526	8.67E-08	70YrCancerDerived_InhSoilI	8.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4011	ALL		746511	4040526	8.69E-08	70YrCancerDerived_InhSoilI	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4012	ALL		746521	4040526	8.72E-08	70YrCancerDerived_InhSoilI	8.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4013	ALL		746531	4040526	8.75E-08	70YrCancerDerived_InhSoilI	8.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4014	ALL		746541	4040526	8.77E-08	70YrCancerDerived_InhSoilI	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4015	ALL		746491	4040536	8.66E-08	70YrCancerDerived_InhSoilI	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4016	ALL		746501	4040536	8.68E-08	70YrCancerDerived_InhSoilI	8.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4017	ALL		746511	4040536	8.71E-08	70YrCancerDerived_InhSoilI	8.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4018	ALL		746521	4040536	8.74E-08	70YrCancerDerived_InhSoilI	8.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4019	ALL		746531	4040536	8.77E-08	70YrCancerDerived_InhSoilI	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4020	ALL		746541	4040536	8.79E-08	70YrCancerDerived_InhSoilI	8.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4021	ALL		746491	4040546	8.67E-08	70YrCancerDerived_InhSoilI	8.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4022	ALL		746501	4040546	8.70E-08	70YrCancerDerived_InhSoilI	8.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4023	ALL		746511	4040546	8.72E-08	70YrCancerDerived_InhSoilI	8.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4024	ALL		746521	4040546	8.75E-08	70YrCancerDerived_InhSoilI	8.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4025	ALL		746531	4040546	8.78E-08	70YrCancerDerived_InhSoilI	8.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4026	ALL		746541	4040546	8.81E-08	70YrCancerDerived_InhSoilI	8.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4027	ALL		746491	4040556	8.68E-08	70YrCancerDerived_InhSoilI	8.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4028	ALL		746501	4040556	8.71E-08	70YrCancerDerived_InhSoilI	8.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4029	ALL		746511	4040556	8.74E-08	70YrCancerDerived_InhSoilI	8.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
4030	ALL		746521	4040556	8.77E-08	70YrCancerDerived_InhSoilI	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	

4031	ALL	746531	4040556	8.80E-08	70YrCancerDerived_InhSoilI	8.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4032	ALL	746541	4040556	8.82E-08	70YrCancerDerived_InhSoilI	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4033	ALL	746491	4040566	8.70E-08	70YrCancerDerived_InhSoilI	8.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4034	ALL	746501	4040566	8.73E-08	70YrCancerDerived_InhSoilI	8.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4035	ALL	746511	4040566	8.76E-08	70YrCancerDerived_InhSoilI	8.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4036	ALL	746521	4040566	8.79E-08	70YrCancerDerived_InhSoilI	8.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4037	ALL	746531	4040566	8.82E-08	70YrCancerDerived_InhSoilI	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4038	ALL	746541	4040566	8.84E-08	70YrCancerDerived_InhSoilI	8.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4039	ALL	746548	4041125	1.12E-07	70YrCancerDerived_InhSoilI	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4040	ALL	746573	4041125	1.14E-07	70YrCancerDerived_InhSoilI	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4041	ALL	746598	4041125	1.15E-07	70YrCancerDerived_InhSoilI	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4042	ALL	746623	4041125	1.17E-07	70YrCancerDerived_InhSoilI	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4043	ALL	746648	4041125	1.19E-07	70YrCancerDerived_InhSoilI	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4044	ALL	746673	4041125	1.21E-07	70YrCancerDerived_InhSoilI	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4045	ALL	746698	4041125	1.23E-07	70YrCancerDerived_InhSoilI	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4046	ALL	746723	4041125	1.25E-07	70YrCancerDerived_InhSoilI	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4047	ALL	746548	4041150	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4048	ALL	746573	4041150	1.15E-07	70YrCancerDerived_InhSoilI	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4049	ALL	746598	4041150	1.17E-07	70YrCancerDerived_InhSoilI	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4050	ALL	746623	4041150	1.18E-07	70YrCancerDerived_InhSoilI	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4051	ALL	746648	4041150	1.20E-07	70YrCancerDerived_InhSoilI	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4052	ALL	746673	4041150	1.22E-07	70YrCancerDerived_InhSoilI	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4053	ALL	746698	4041150	1.24E-07	70YrCancerDerived_InhSoilI	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4054	ALL	746723	4041150	1.27E-07	70YrCancerDerived_InhSoilI	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4055	ALL	746548	4041175	1.14E-07	70YrCancerDerived_InhSoilI	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4056	ALL	746573	4041175	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4057	ALL	746598	4041175	1.18E-07	70YrCancerDerived_InhSoilI	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4058	ALL	746623	4041175	1.19E-07	70YrCancerDerived_InhSoilI	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4059	ALL	746648	4041175	1.21E-07	70YrCancerDerived_InhSoilI	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4060	ALL	746673	4041175	1.23E-07	70YrCancerDerived_InhSoilI	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4061	ALL	746698	4041175	1.25E-07	70YrCancerDerived_InhSoilI	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4062	ALL	746723	4041175	1.27E-07	70YrCancerDerived_InhSoilI	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4063	ALL	746548	4041200	1.15E-07	70YrCancerDerived_InhSoilI	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4064	ALL	746573	4041200	1.17E-07	70YrCancerDerived_InhSoilI	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4065	ALL	746598	4041200	1.19E-07	70YrCancerDerived_InhSoilI	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4066	ALL	746623	4041200	1.20E-07	70YrCancerDerived_InhSoilI	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4067	ALL	746648	4041200	1.22E-07	70YrCancerDerived_InhSoilI	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4068	ALL	746673	4041200	1.24E-07	70YrCancerDerived_InhSoilI	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4069	ALL	746698	4041200	1.26E-07	70YrCancerDerived_InhSoilI	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4070	ALL	746723	4041200	1.28E-07	70YrCancerDerived_InhSoilI	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4071	ALL	746548	4041225	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4072	ALL	746573	4041225	1.18E-07	70YrCancerDerived_InhSoilI	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4073	ALL	746598	4041225	1.19E-07	70YrCancerDerived_InhSoilI	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4074	ALL	746623	4041225	1.21E-07	70YrCancerDerived_InhSoilI	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4075	ALL	746648	4041225	1.23E-07	70YrCancerDerived_InhSoilI	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4076	ALL	746673	4041225	1.25E-07	70YrCancerDerived_InhSoilI	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4077	ALL	746698	4041225	1.27E-07	70YrCancerDerived_InhSoilI	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4078	ALL	746723	4041225	1.29E-07	70YrCancerDerived_InhSoilI	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4079	ALL	746548	4041250	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4080	ALL	746573	4041250	1.18E-07	70YrCancerDerived_InhSoilI	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4081	ALL	746598	4041250	1.20E-07	70YrCancerDerived_InhSoilI	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4082	ALL	746623	4041250	1.22E-07	70YrCancerDerived_InhSoilI	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4083	ALL	746648	4041250	1.24E-07	70YrCancerDerived_InhSoilI	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4084	ALL	746673	4041250	1.26E-07	70YrCancerDerived_InhSoilI	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4085	ALL	746698	4041250	1.28E-07	70YrCancerDerived_InhSoilI	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4086	ALL	746723	4041250	1.29E-07	70YrCancerDerived_InhSoilI	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4087	ALL	746548	4041275	1.17E-07	70YrCancerDerived_InhSoilI	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4088	ALL	746573	4041275	1.19E-07	70YrCancerDerived_InhSoilI	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4089	ALL	746598	4041275	1.21E-07	70YrCancerDerived_InhSoilI	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4090	ALL	746623	4041275	1.23E-07	70YrCancerDerived_InhSoilI	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4091	ALL	746648	4041275	1.24E-07	70YrCancerDerived_InhSoilI	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4092	ALL	746673	4041275	1.26E-07	70YrCancerDerived_InhSoilI	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4093	ALL	746698	4041275	1.28E-07	70YrCancerDerived_InhSoilI	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4094	ALL	746723	4041275	1.30E-07	70YrCancerDerived_InhSoilI	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4095	ALL	746548	4041300	1.18E-07	70YrCancerDerived_InhSoilI	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4096	ALL	746573	4041300	1.20E-07	70YrCancerDerived_InhSoilI	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4097	ALL	746598	4041300	1.21E-07	70YrCancerDerived_InhSoilI	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4098	ALL	746623	4041300	1.23E-07	70YrCancerDerived_InhSoilI	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4099	ALL	746648	4041300	1.25E-07	70YrCancerDerived_InhSoilI	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4100	ALL	746673	4041300	1.27E-07	70YrCancerDerived_InhSoilI	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4101	ALL	746698	4041300	1.29E-07	70YrCancerDerived_InhSoilI	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4102	ALL	746723	4041300	1.30E-07	70YrCancerDerived_InhSoilI	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4103	ALL	746561.71	4041116.1	1.12E-07	70YrCancerDerived_InhSoilI	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4104	ALL	746586.71	4041116.1	1.14E-07	70YrCancerDerived_InhSoilI	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4105	ALL	746611.71	4041116.1	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4106	ALL	746561.71	4041141.1	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4107	ALL	746586.71	4041141.1	1.15E-07	70YrCancerDerived_InhSoilI	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4108	ALL	746611.71	4041141.1	1.17E-07	70YrCancerDerived_InhSoilI	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4109	ALL	746561.71	4041166.1	1.15E-07	70YrCancerDerived_InhSoilI	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4110	ALL	746586.71	4041166.1	1.16E-07	70YrCancerDerived_InhSoilI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4111	ALL	746611.71	4041166.1	1.18E-07	70YrCancerDerived_InhSoilI	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4112	ALL	732066.53	4034602.91	1.37E-07	70YrCancerDerived_InhSoilI	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4113	ALL	732091.13	4033774.4	1.08E-07	70YrCancerDerived_InhSoilI	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4114	ALL	733692.71	4033824.33	3.73E-06	70YrCancerDerived_InhSoilI	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4115	ALL	733674.04	4034495.29	1.21E-07	70YrCancerDerived_InhSoilI	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4116	ALL	734110.13	4034487.33	1.07E-07	70YrCancerDerived_InhSoilI	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4117	ALL	734257.24	4034696.21	7.62E-08	70YrCancerDerived_InhSoilI	7.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4118	ALL	734627.91	4034703.99	7.62E-08	70YrCancerDerived_InhSoilI	7.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4119	ALL	735392.15	4035430.99	4.77E-08	70YrCancerDerived_InhSoilI	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4120	ALL	737808.42	4035430.09	4.76E-08	70YrCancerDerived_InhSoilI	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4121	ALL	738465.19	4036541.12	4.13E-08	70YrCancerDerived_InhSoilI	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4122	ALL	738750.39	4036380.31	4.27E-08	70YrCancerDerived_InhSoilI	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4123	ALL	742069.46	4036499.23	4.85E-08	70YrCancerDerived_InhSoilI	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4124	ALL	745283.68	4036598.92	1.01E-07	70YrCancerDerived_InhSoilI	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4125	ALL	746673.96	4036659.94	3.21E-07	70YrCancerDerived_InhSoilI	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4126	ALL	746708.07	4035860.27	1.76E-07	70YrCancerDerived_InhSoilI	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4127	ALL	747515.51	4035882.35	3.67E-06	70YrCancerDerived_InhSoilI	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4128	ALL	747536.38	4035076.16	5.25E-07	70YrCancerDerived_InhSoilI	5.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4129	ALL	748342.31	4035116.19	7.21E-07	70YrCancerDerived_InhSoilI	7.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4130	ALL	748310.9	4036726.09	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4131	ALL	749907.56	4036767.46	1.48E-07	70YrCancerDerived_InhSoilI	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4132	ALL	749811.98	4039992.18	4.49E-07	70YrCancerDerived_InhSoilI	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4133	ALL	751400.39	4040064.69	1.25E-07	70YrCancerDerived_InhSoilI	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4134	ALL	751462.23	4038438.34	2.45E-07	70YrCancerDerived_InhSoilI	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4135	ALL	752772.2	4038498.22	1.37E-07	70YrCancerDerived_InhSoilI	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4136	ALL	752832.11	4036888.4	1.52E-07	70YrCancerDerived_InhSoilI	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4137	ALL	754818.78	4036951.87	9.73E-08	70YrCancerDerived_InhSoilI	9.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4138	ALL	754771.03	4038559.27	7.39E-08	70YrCancerDerived_InhSoilI	7.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4139	ALL	752787.25	4038507.84	1.36E-07	70YrCancerDerived_InhSoilI	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4140	ALL	752734.04	4040110.04	7.81E-08	70YrCancerDerived_InhSoilI	7.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4141	ALL	751403.83	4040076.27	1.24E-07	70YrCancerDerived_InhSoilI	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4142	ALL	751355.71	4041673.39	4.33E-08	70YrCancerDerived_InhSoilI	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4143	ALL	753494.58	4041753.1	3.51E-08	70YrCancerDerived_InhSoilI	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4144	ALL	753492.55	4041789.93	3.47E-08	70YrCancerDerived_InhSoilI	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4145	ALL	753430	4043372.28	2.54E-08	70YrCancerDerived_InhSoilI	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4146	ALL	752608.63	4043340.49	2.59E-08	70YrCancerDerived_InhSoilI	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4147	ALL	752588.7	4044954.02	1.86E-08	70YrCancerDerived_InhSoilI	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4148	ALL	751182.35	4044928.16	1.91E-08	70YrCancerDerived_InhSoilI	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4149	ALL	750128.34	4044862.62	2.20E-08	70YrCancerDerived_InhSoilI	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4150	ALL	750113.01	4045660.82	1.97E-08	70YrCancerDerived_InhSoilI	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4151	ALL	748466.7	4045588.02	2.24E-08	70YrCancerDerived_InhSoilI	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4152	ALL	748517.04	4043182.11	3.46E-08	70YrCancerDerived_InhSoilI	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4153	ALL	748555.57	4041574.8	5.99E-08	70YrCancerDerived_InhSoilI	5.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4154	ALL	748134.63	4041563.3	7.70E-08	70YrCancerDerived_InhSoilI	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4155	ALL	747727.94	4041548.19	9.93E-08	70YrCancerDerived_InhSoilI	9.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4156	ALL	746738.41	4041515.68	1.30E-07	70YrCancerDerived_InhSoilI	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4157	ALL	746735.92	4041120.52	1.26E-07	70YrCancerDerived_InhSoilI	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4158	ALL	746543.23	4041110.63	1.11E-07	70YrCancerDerived_InhSoilI	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4159	ALL	746547.66	4040518.95	8.77E-08	70YrCancerDerived_InhSoilI	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4160	ALL	746633.93	4040521.31	9.06E-08	70YrCancerDerived_InhSoilI	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4161	ALL	746634.88	4040467.3	8.96E-08	70YrCancerDerived_InhSoilI	8.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4162	ALL	746550.33	4040468.06	8.70E-08	70YrCancerDerived_InhSoilI	8.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4163	ALL	746553.92	4040355.79	8.47E-08	70YrCancerDerived_InhSoilI	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4164	ALL	746620.22	4040356.68	8.66E-08	70YrCancerDerived_InhSoilI	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4165	ALL	746621.12	4040314.75	8.54E-08	70YrCancerDerived_InhSoilI	8.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4166	ALL	746554.62	4040315.5	8.36E-08	70YrCancerDerived_InhSoilI	8.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4167	ALL	746560.36	4040168.37	7.92E-08	70YrCancerDerived_InhSoilI	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4168	ALL	746603.42	4040169.72	8.01E-08	70YrCancerDerived_InhSoilI	8.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4169	ALL	746617.4	4040169.94	8.04E-08	70YrCancerDerived_InhSoilI	8.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4170	ALL	746619.21	4040066.32	7.71E-08	70YrCancerDerived_InhSoilI	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4171	ALL	746619.25	4040065.57	7.71E-08	70YrCancerDerived_InhSoilI	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4172	ALL	746566.34	4040064.96	7.63E-08	70YrCancerDerived_InhSoilI	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4173	ALL	746573	4039885.4	7.34E-08	70YrCancerDerived_InhSoilI	7.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4174	ALL	748187.61	4039939.79	1.98E-07	70YrCancerDerived_InhSoilI	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4175	ALL	748269.93	4036790.15	1.00E-07	70YrCancerDerived_InhSoilI	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4176	ALL	747485.7	4036764.65	1.09E-07	70YrCancerDerived_InhSoilI	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4177	ALL	747441.54	4037774.89	7.16E-08	70YrCancerDerived_InhSoilI	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4178	ALL	746636.18	4037748.26	8.45E-08	70YrCancerDerived_InhSoilI	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4179	ALL	746670.69	4036745.26	2.50E-07	70YrCancerDerived_InhSoilI	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4180	ALL	745738.29	4036714.6	1.53E-07	70YrCancerDerived_InhSoilI	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4181	ALL	738770.04	4036473.6	4.22E-08	70YrCancerDerived_InhSoilI	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4182	ALL	738439.61	4036664.66	4.07E-08	70YrCancerDerived_InhSoilI	4.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4183	ALL	737829.88	4035658.81	4.61E-08	70YrCancerDerived_InhSoilI	4.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4184	ALL	737743.73	4035513.27	4.71E-08	70YrCancerDerived_InhSoilI	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4185	ALL	737022.12	4035512.85	4.69E-08	70YrCancerDerived_InhSoilI	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4186	ALL	735339.16	4035512.23	4.62E-08	70YrCancerDerived_InhSoilI	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4187	ALL	734620.84	4034828.06	6.70E-08	70YrCancerDerived_InhSoilI	6.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4188	ALL	734199.14	4034810.78	6.63E-08	70YrCancerDerived_InhSoilI	6.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4189	ALL	734063.26	4034590.76	8.82E-08	70YrCancerDerived_InhSoilI	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4190	ALL	733671.38	4034584.06	1.02E-07	70YrCancerDerived_InhSoilI	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4191	ALL	733670.9	4034611.62	9.75E-08	70YrCancerDerived_InhSoilI	9.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4192	ALL	733666.71	4034642.68	9.30E-08	70YrCancerDerived_InhSoilI	9.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4193	ALL	732743.17	4034617.72	3.70E-07	70YrCancerDerived_InhSoilI	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4194	ALL	732071.45	4034437.21	1.22E-07	70YrCancerDerived_InhSoilI	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4195	ALL	732076.37	4034271.51	1.15E-07	70YrCancerDerived_InhSoilI	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4196	ALL	732081.29	4034105.8	1.18E-07	70YrCancerDerived_InhSoilI	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4197	ALL	732086.21	4033940.1	1.18E-07	70YrCancerDerived_InhSoilI	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4198	ALL	732269.08	4033779.95	1.00E-07	70YrCancerDerived_InhSoilI	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4199	ALL	732447.04	4033785.5	9.77E-08	70YrCancerDerived_InhSoilI	9.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4200	ALL	732624.99	4033791.04	9.92E-08	70YrCancerDerived_InhSoilI	9.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4201	ALL	732802.94	4033796.59	1.12E-07	70YrCancerDerived_InhSoilI	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4202	ALL	732980.9	4033802.14	1.54E-07	70YrCancerDerived_InhSoilI	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4203	ALL	733158.85	4033807.69	2.55E-07	70YrCancerDerived_InhSoilI	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4204	ALL	733336.8	4033813.23	1.20E-06	70YrCancerDerived_InhSoilI	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4205	ALL	733514.76	4033818.78	4.32E-06	70YrCancerDerived_InhSoilI	4.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4206	ALL	733688.04	4033992.07	2.88E-06	70YrCancerDerived_InhSoilI	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4207	ALL	733683.38	4034159.81	6.80E-07	70YrCancerDerived_InhSoilI	6.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4208	ALL	733678.71	4034327.55	1.88E-07	70YrCancerDerived_InhSoilI	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4209	ALL	733819.4	4034492.64	1.10E-07	70YrCancerDerived_InhSoilI	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4210	ALL	733964.77	4034489.98	1.07E-07	70YrCancerDerived_InhSoilI	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4211	ALL	734183.69	4034591.77	8.81E-08	70YrCancerDerived_InhSoilI	8.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4212	ALL	734442.57	4034700.1	7.63E-08	70YrCancerDerived_InhSoilI	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4213	ALL	734755.28	4034825.16	6.71E-08	70YrCancerDerived_InhSoilI	6.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4214	ALL	734882.66	4034946.32	6.08E-08	70YrCancerDerived_InhSoilI	6.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4215	ALL	735010.03	4035067.49	5.62E-08	70YrCancerDerived_InhSoilI	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4216	ALL	735137.4	4035188.66	5.27E-08	70YrCancerDerived_InhSoilI	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4217	ALL	735264.78	4035309.82	4.99E-08	70YrCancerDerived_InhSoilI	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4218	ALL	735578.02	4035430.92	4.77E-08	70YrCancerDerived_InhSoilI	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4219	ALL	735763.88	4035430.85	4.76E-08	70YrCancerDerived_InhSoilI	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4220	ALL	735949.75	4035430.78	4.76E-08	70YrCancerDerived_InhSoilI	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4221	ALL	736135.62	4035430.71	4.76E-08	70YrCancerDerived_InhSoilI	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4222	ALL	736321.48	4035430.64	4.75E-08	70YrCancerDerived_InhSoilI	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4223	ALL	736507.35	4035430.57	4.76E-08	70YrCancerDerived_InhSoilI	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4224	ALL	736693.22	4035430.51	4.77E-08	70YrCancerDerived_InhSoilI	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4225	ALL	736879.09	4035430.44	4.77E-08	70YrCancerDerived_InhSoilI	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4226	ALL	737064.95	4035430.37	4.77E-08	70YrCancerDerived_InhSoilI	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4227	ALL	737250.82	4035430.3	4.77E-08	70YrCancerDerived_InhSoilI	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4228	ALL	737436.69	4035430.23	4.76E-08	70YrCancerDerived_InhSoilI	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4229	ALL	737622.55	4035430.16	4.76E-08	70YrCancerDerived_InhSoilI	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4230	ALL	737902.24	4035588.81	4.66E-08	70YrCancerDerived_InhSoilI	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4231	ALL	737996.07	4035747.53	4.56E-08	70YrCancerDerived_InhSoilI	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4232	ALL	738089.89	4035906.25	4.47E-08	70YrCancerDerived_InhSoilI	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4233	ALL	738183.72	4036064.96	4.38E-08	70YrCancerDerived_InhSoilI	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4234	ALL	738277.54	4036223.68	4.28E-08	70YrCancerDerived_InhSoilI	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4235	ALL	738371.37	4036382.4	4.20E-08	70YrCancerDerived_InhSoilI	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4236	ALL	738607.79	4036460.71	4.20E-08	70YrCancerDerived_InhSoilI	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4237	ALL	738945.63	4036387.31	4.29E-08	70YrCancerDerived_InhSoilI	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4238	ALL	739140.87	4036394.3	4.32E-08	70YrCancerDerived_InhSoilI	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4239	ALL	739336.11	4036401.3	4.34E-08	70YrCancerDerived_InhSoilI	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4240	ALL	739531.35	4036408.29	4.35E-08	70YrCancerDerived_InhSoilI	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4241	ALL	739726.59	4036415.29	4.36E-08	70YrCancerDerived_InhSoilI	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4242	ALL	739921.83	4036422.28	4.38E-08	70YrCancerDerived_InhSoilI	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4243	ALL	740117.07	4036429.28	4.40E-08	70YrCancerDerived_InhSoilI	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4244	ALL	740312.31	4036436.27	4.41E-08	70YrCancerDerived_InhSoilI	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4245	ALL	740507.54	4036443.27	4.43E-08	70YrCancerDerived_InhSoilI	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4246	ALL	740702.78	4036450.26	4.46E-08	70YrCancerDerived_InhSoilI	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4247	ALL	740898.02	4036457.26	4.50E-08	70YrCancerDerived_InhSoilI	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4248	ALL	741093.26	4036464.25	4.54E-08	70YrCancerDerived_InhSoilI	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4249	ALL	741288.5	4036471.25	4.59E-08	70YrCancerDerived_InhSoilI	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4250	ALL	741483.74	4036478.24	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4251	ALL	741678.98	4036485.24	4.71E-08	70YrCancerDerived_InhSoilI	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4252	ALL	741874.22	4036492.23	4.78E-08	70YrCancerDerived_InhSoilI	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4253	ALL	742258.53	4036505.09	4.97E-08	70YrCancerDerived_InhSoilI	4.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4254	ALL	742447.6	4036510.96	5.10E-08	70YrCancerDerived_InhSoilI	5.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4255	ALL	742636.68	4036516.82	5.24E-08	70YrCancerDerived_InhSoilI	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4256	ALL	742825.75	4036522.69	5.40E-08	70YrCancerDerived_InhSoilI	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4257	ALL	743014.82	4036528.55	5.59E-08	70YrCancerDerived_InhSoilI	5.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4258	ALL	743203.89	4036534.41	5.79E-08	70YrCancerDerived_InhSoilI	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4259	ALL	743392.96	4036540.28	6.01E-08	70YrCancerDerived_InhSoilI	6.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4260	ALL	743582.03	4036546.14	6.24E-08	70YrCancerDerived_InhSoilI	6.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4261	ALL	743771.11	4036552.01	6.49E-08	70YrCancerDerived_InhSoilI	6.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4262	ALL	743960.18	4036557.87	6.75E-08	70YrCancerDerived_InhSoilI	6.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4263	ALL	744149.25	4036563.74	7.03E-08	70YrCancerDerived_InhSoilI	7.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4264	ALL	744338.32	4036569.6	7.34E-08	70YrCancerDerived_InhSoilI	7.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4265	ALL	744527.39	4036575.46	7.69E-08	70YrCancerDerived_InhSoilI	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4266	ALL	744716.46	4036581.33	8.10E-08	70YrCancerDerived_InhSoilI	8.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4267	ALL	744905.54	4036587.19	8.61E-08	70YrCancerDerived_InhSoilI	8.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4268	ALL	745094.61	4036593.06	9.27E-08	70YrCancerDerived_InhSoilI	9.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4269	ALL	745482.29	4036607.64	1.14E-07	70YrCancerDerived_InhSoilI	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4270	ALL	745680.9	4036616.35	1.33E-07	70YrCancerDerived_InhSoilI	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4271	ALL	745879.51	4036625.07	1.64E-07	70YrCancerDerived_InhSoilI	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4272	ALL	746078.13	4036633.79	2.13E-07	70YrCancerDerived_InhSoilI	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4273	ALL	746276.74	4036642.51	2.83E-07	70YrCancerDerived_InhSoilI	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4274	ALL	746475.35	4036651.22	3.57E-07	70YrCancerDerived_InhSoilI	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4275	ALL	746680.78	4036500.01	5.10E-07	70YrCancerDerived_InhSoilI	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4276	ALL	746687.6	4036340.07	5.17E-07	70YrCancerDerived_InhSoilI	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4277	ALL	746694.43	4036180.14	3.03E-07	70YrCancerDerived_InhSoilI	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4278	ALL	746701.25	4036020.2	2.09E-07	70YrCancerDerived_InhSoilI	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4279	ALL	746869.56	4035864.69	2.79E-07	70YrCancerDerived_InhSoilI	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4280	ALL	747031.05	4035869.1	5.13E-07	70YrCancerDerived_InhSoilI	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4281	ALL	747192.53	4035873.52	3.62E-06	70YrCancerDerived_InhSoilI	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4282	ALL	747354.02	4035877.93	6.09E-06	70YrCancerDerived_InhSoilI	6.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4283	ALL	747519.68	4035721.11	3.00E-06	70YrCancerDerived_InhSoilI	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4284	ALL	747523.86	4035559.87	1.81E-06	70YrCancerDerived_InhSoilI	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4285	ALL	747528.03	4035398.64	1.10E-06	70YrCancerDerived_InhSoilI	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4286	ALL	747532.21	4035237.4	7.33E-07	70YrCancerDerived_InhSoilI	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4287	ALL	747697.57	4035084.17	6.39E-07	70YrCancerDerived_InhSoilI	6.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4288	ALL	747858.75	4035092.17	7.22E-07	70YrCancerDerived_InhSoilI	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4289	ALL	748019.94	4035100.18	7.65E-07	70YrCancerDerived_InhSoilI	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4290	ALL	748181.12	4035108.18	7.63E-07	70YrCancerDerived_InhSoilI	7.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4291	ALL	748338.82	4035295.07	7.89E-07	70YrCancerDerived_InhSoilI	7.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4292	ALL	748335.33	4035473.95	7.80E-07	70YrCancerDerived_InhSoilI	7.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4293	ALL	748331.84	4035652.82	6.93E-07	70YrCancerDerived_InhSoilI	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4294	ALL	748328.35	4035831.7	5.61E-07	70YrCancerDerived_InhSoilI	5.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4295	ALL	748324.86	4036010.58	4.05E-07	70YrCancerDerived_InhSoilI	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4296	ALL	748321.37	4036189.46	2.67E-07	70YrCancerDerived_InhSoilI	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4297	ALL	748317.88	4036368.33	1.75E-07	70YrCancerDerived_InhSoilI	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4298	ALL	748314.39	4036547.21	1.28E-07	70YrCancerDerived_InhSoilI	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4299	ALL	748510.48	4036731.26	1.08E-07	70YrCancerDerived_InhSoilI	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4300	ALL	748710.07	4036736.43	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4301	ALL	748909.65	4036741.6	1.19E-07	70YrCancerDerived_InhSoilI	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4302	ALL	749109.23	4036746.77	1.26E-07	70YrCancerDerived_InhSoilI	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4303	ALL	749308.81	4036751.95	1.33E-07	70YrCancerDerived_InhSoilI	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4304	ALL	749508.4	4036757.12	1.38E-07	70YrCancerDerived_InhSoilI	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4305	ALL	749707.98	4036762.29	1.43E-07	70YrCancerDerived_InhSoilI	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4306	ALL	749901.94	4036957.15	1.50E-07	70YrCancerDerived_InhSoilI	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4307	ALL	749896.32	4037146.84	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4308	ALL	749890.69	4037336.53	1.67E-07	70YrCancerDerived_InhSoilI	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4309	ALL	749885.07	4037526.22	1.80E-07	70YrCancerDerived_InhSoilI	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4310	ALL	749879.45	4037715.91	1.98E-07	70YrCancerDerived_InhSoilI	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4311	ALL	749873.83	4037905.6	2.22E-07	70YrCancerDerived_InhSoilI	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4312	ALL	749868.2	4038095.29	2.52E-07	70YrCancerDerived_InhSoilI	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4313	ALL	749862.58	4038284.98	2.91E-07	70YrCancerDerived_InhSoilI	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4314	ALL	749856.96	4038474.66	3.44E-07	70YrCancerDerived_InhSoilI	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4315	ALL	749851.34	4038664.35	4.13E-07	70YrCancerDerived_InhSoilI	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4316	ALL	749845.71	4038854.04	5.00E-07	70YrCancerDerived_InhSoilI	5.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4317	ALL	749840.09	4039043.73	5.97E-07	70YrCancerDerived_InhSoilI	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4318	ALL	749834.47	4039233.42	6.82E-07	70YrCancerDerived_InhSoilI	6.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4319	ALL	749828.85	4039423.11	7.13E-07	70YrCancerDerived_InhSoilI	7.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4320	ALL	749823.22	4039612.8	6.71E-07	70YrCancerDerived_InhSoilI	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4321	ALL	749817.6	4039802.49	5.74E-07	70YrCancerDerived_InhSoilI	5.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4322	ALL	750010.53	4040001.24	3.48E-07	70YrCancerDerived_InhSoilI	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4323	ALL	750209.08	4040010.31	2.81E-07	70YrCancerDerived_InhSoilI	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4324	ALL	750407.63	4040019.37	2.34E-07	70YrCancerDerived_InhSoilI	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4325	ALL	750606.19	4040028.44	2.00E-07	70YrCancerDerived_InhSoilI	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4326	ALL	750804.74	4040037.5	1.74E-07	70YrCancerDerived_InhSoilI	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4327	ALL	751003.29	4040046.56	1.54E-07	70YrCancerDerived_InhSoilI	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4328	ALL	751201.84	4040055.63	1.38E-07	70YrCancerDerived_InhSoilI	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4329	ALL	751407.26	4039883.98	1.43E-07	70YrCancerDerived_InhSoilI	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4330	ALL	751414.13	4039703.28	1.61E-07	70YrCancerDerived_InhSoilI	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4331	ALL	751421	4039522.57	1.79E-07	70YrCancerDerived_InhSoilI	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4332	ALL	751427.87	4039341.87	1.95E-07	70YrCancerDerived_InhSoilI	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4333	ALL	751434.75	4039161.16	2.10E-07	70YrCancerDerived_InhSoilI	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4334	ALL	751441.62	4038980.46	2.22E-07	70YrCancerDerived_InhSoilI	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4335	ALL	751448.49	4038799.75	2.33E-07	70YrCancerDerived_InhSoilI	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4336	ALL	751455.36	4038619.05	2.41E-07	70YrCancerDerived_InhSoilI	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4337	ALL	751649.37	4038446.89	2.24E-07	70YrCancerDerived_InhSoilI	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4338	ALL	751836.51	4038455.45	2.05E-07	70YrCancerDerived_InhSoilI	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4339	ALL	752023.65	4038464	1.88E-07	70YrCancerDerived_InhSoilI	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4340	ALL	752210.78	4038472.56	1.73E-07	70YrCancerDerived_InhSoilI	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4341	ALL	752397.92	4038481.11	1.59E-07	70YrCancerDerived_InhSoilI	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4342	ALL	752585.06	4038489.67	1.47E-07	70YrCancerDerived_InhSoilI	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4343	ALL	752778.86	4038319.35	1.42E-07	70YrCancerDerived_InhSoilI	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4344	ALL	752785.51	4038140.48	1.46E-07	70YrCancerDerived_InhSoilI	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4345	ALL	752792.17	4037961.61	1.51E-07	70YrCancerDerived_InhSoilI	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4346	ALL	752798.83	4037782.74	1.54E-07	70YrCancerDerived_InhSoilI	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4347	ALL	752805.48	4037603.88	1.56E-07	70YrCancerDerived_InhSoilI	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4348	ALL	752812.14	4037425.01	1.57E-07	70YrCancerDerived_InhSoilI	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4349	ALL	752818.8	4037246.14	1.56E-07	70YrCancerDerived_InhSoilI	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4350	ALL	752825.45	4037067.27	1.54E-07	70YrCancerDerived_InhSoilI	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4351	ALL	753030.78	4036894.75	1.47E-07	70YrCancerDerived_InhSoilI	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4352	ALL	753229.44	4036901.09	1.42E-07	70YrCancerDerived_InhSoilI	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4353	ALL	753428.11	4036907.44	1.36E-07	70YrCancerDerived_InhSoilI	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4354	ALL	753626.78	4036913.79	1.30E-07	70YrCancerDerived_InhSoilI	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4355	ALL	753825.45	4036920.13	1.25E-07	70YrCancerDerived_InhSoilI	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4356	ALL	754024.11	4036926.48	1.19E-07	70YrCancerDerived_InhSoilI	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4357	ALL	754222.78	4036932.83	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4358	ALL	754421.45	4036939.18	1.07E-07	70YrCancerDerived_InhSoilI	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4359	ALL	754620.11	4036945.52	1.02E-07	70YrCancerDerived_InhSoilI	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4360	ALL	754813.47	4037130.47	9.46E-08	70YrCancerDerived_InhSoilI	9.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4361	ALL	754808.17	4037309.07	9.19E-08	70YrCancerDerived_InhSoilI	9.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4362	ALL	754802.86	4037487.67	8.94E-08	70YrCancerDerived_InhSoilI	8.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4363	ALL	754797.56	4037666.27	8.69E-08	70YrCancerDerived_InhSoilI	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4364	ALL	754792.25	4037844.87	8.43E-08	70YrCancerDerived_InhSoilI	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4365	ALL	754786.95	4038023.47	8.18E-08	70YrCancerDerived_InhSoilI	8.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4366	ALL	754781.64	4038202.07	7.92E-08	70YrCancerDerived_InhSoilI	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4367	ALL	754776.34	4038380.67	7.65E-08	70YrCancerDerived_InhSoilI	7.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4368	ALL	754572.65	4038554.13	7.77E-08	70YrCancerDerived_InhSoilI	7.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4369	ALL	754374.27	4038548.98	8.18E-08	70YrCancerDerived_InhSoilI	8.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4370	ALL	754175.9	4038543.84	8.64E-08	70YrCancerDerived_InhSoilI	8.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4371	ALL	753977.52	4038538.7	9.14E-08	70YrCancerDerived_InhSoilI	9.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4372	ALL	753779.14	4038533.55	9.69E-08	70YrCancerDerived_InhSoilI	9.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4373	ALL	753580.76	4038528.41	1.03E-07	70YrCancerDerived_InhSoilI	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4374	ALL	753382.38	4038523.27	1.10E-07	70YrCancerDerived_InhSoilI	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4375	ALL	753184.01	4038518.13	1.17E-07	70YrCancerDerived_InhSoilI	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4376	ALL	752985.63	4038512.98	1.26E-07	70YrCancerDerived_InhSoilI	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4377	ALL	752781.34	4038685.86	1.30E-07	70YrCancerDerived_InhSoilI	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4378	ALL	752775.43	4038863.88	1.25E-07	70YrCancerDerived_InhSoilI	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4379	ALL	752769.51	4039041.91	1.18E-07	70YrCancerDerived_InhSoilI	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4380	ALL	752763.6	4039219.93	1.12E-07	70YrCancerDerived_InhSoilI	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4381	ALL	752757.69	4039397.95	1.05E-07	70YrCancerDerived_InhSoilI	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4382	ALL	752751.78	4039575.97	9.85E-08	70YrCancerDerived_InhSoilI	9.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4383	ALL	752745.86	4039754	9.15E-08	70YrCancerDerived_InhSoilI	9.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4384	ALL	752739.95	4039932.02	8.46E-08	70YrCancerDerived_InhSoilI	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4385	ALL	752544.01	4040105.22	8.23E-08	70YrCancerDerived_InhSoilI	8.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4386	ALL	752353.98	4040100.39	8.71E-08	70YrCancerDerived_InhSoilI	8.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4387	ALL	752163.95	4040095.57	9.24E-08	70YrCancerDerived_InhSoilI	9.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4388	ALL	751973.92	4040090.74	9.86E-08	70YrCancerDerived_InhSoilI	9.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4389	ALL	751783.89	4040085.92	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4390	ALL	751593.86	4040081.09	1.14E-07	70YrCancerDerived_InhSoilI	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4391	ALL	751397.81	4040275.91	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4392	ALL	751391.8	4040475.55	9.02E-08	70YrCancerDerived_InhSoilI	9.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4393	ALL	751385.78	4040675.19	7.66E-08	70YrCancerDerived_InhSoilI	7.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4394	ALL	751379.77	4040874.83	6.57E-08	70YrCancerDerived_InhSoilI	6.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4395	ALL	751373.76	4041074.47	5.75E-08	70YrCancerDerived_InhSoilI	5.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4396	ALL	751367.74	4041274.11	5.15E-08	70YrCancerDerived_InhSoilI	5.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4397	ALL	751361.72	4041473.75	4.69E-08	70YrCancerDerived_InhSoilI	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4398	ALL	751550.15	4041680.64	4.25E-08	70YrCancerDerived_InhSoilI	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4399	ALL	751744.6	4041687.88	4.18E-08	70YrCancerDerived_InhSoilI	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4400	ALL	751939.04	4041695.13	4.10E-08	70YrCancerDerived_InhSoilI	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4401	ALL	752133.48	4041702.38	4.02E-08	70YrCancerDerived_InhSoilI	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4402	ALL	752327.92	4041709.62	3.94E-08	70YrCancerDerived_InhSoilI	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4403	ALL	752522.37	4041716.87	3.86E-08	70YrCancerDerived_InhSoilI	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4404	ALL	752716.81	4041724.11	3.78E-08	70YrCancerDerived_InhSoilI	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4405	ALL	752911.25	4041731.36	3.71E-08	70YrCancerDerived_InhSoilI	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4406	ALL	753105.69	4041738.61	3.63E-08	70YrCancerDerived_InhSoilI	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4407	ALL	753300.14	4041745.85	3.57E-08	70YrCancerDerived_InhSoilI	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4408	ALL	753484.73	4041987.72	3.29E-08	70YrCancerDerived_InhSoilI	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4409	ALL	753476.91	4042185.52	3.15E-08	70YrCancerDerived_InhSoilI	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4410	ALL	753469.09	4042383.31	3.01E-08	70YrCancerDerived_InhSoilI	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4411	ALL	753461.28	4042581.1	2.88E-08	70YrCancerDerived_InhSoilI	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4412	ALL	753453.46	4042778.9	2.77E-08	70YrCancerDerived_InhSoilI	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4413	ALL	753445.64	4042976.69	2.68E-08	70YrCancerDerived_InhSoilI	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4414	ALL	753437.82	4043174.49	2.61E-08	70YrCancerDerived_InhSoilI	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4415	ALL	753265.73	4043365.92	2.57E-08	70YrCancerDerived_InhSoilI	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4416	ALL	753101.45	4043359.56	2.58E-08	70YrCancerDerived_InhSoilI	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4417	ALL	752937.18	4043353.21	2.59E-08	70YrCancerDerived_InhSoilI	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4418	ALL	752772.9	4043346.85	2.59E-08	70YrCancerDerived_InhSoilI	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4419	ALL	752606.42	4043519.77	2.46E-08	70YrCancerDerived_InhSoilI	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4420	ALL	752604.2	4043699.05	2.34E-08	70YrCancerDerived_InhSoilI	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4421	ALL	752601.99	4043878.33	2.24E-08	70YrCancerDerived_InhSoilI	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4422	ALL	752599.77	4044057.61	2.16E-08	70YrCancerDerived_InhSoilI	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4423	ALL	752597.56	4044236.9	2.08E-08	70YrCancerDerived_InhSoilI	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4424	ALL	752595.34	4044416.18	2.01E-08	70YrCancerDerived_InhSoilI	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4425	ALL	752593.13	4044595.46	1.95E-08	70YrCancerDerived_InhSoilI	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4426	ALL	752590.91	4044774.74	1.90E-08	70YrCancerDerived_InhSoilI	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4427	ALL	752412.91	4044950.79	1.87E-08	70YrCancerDerived_InhSoilI	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4428	ALL	752237.11	4044947.56	1.87E-08	70YrCancerDerived_InhSoilI	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4429	ALL	752061.32	4044944.32	1.88E-08	70YrCancerDerived_InhSoilI	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4430	ALL	751885.52	4044941.09	1.88E-08	70YrCancerDerived_InhSoilI	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4431	ALL	751709.73	4044937.86	1.88E-08	70YrCancerDerived_InhSoilI	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4432	ALL	751533.94	4044934.63	1.88E-08	70YrCancerDerived_InhSoilI	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4433	ALL	751358.14	4044931.39	1.89E-08	70YrCancerDerived_InhSoilI	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4434	ALL	751006.68	4044917.24	1.94E-08	70YrCancerDerived_InhSoilI	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4435	ALL	750831.01	4044906.31	1.98E-08	70YrCancerDerived_InhSoilI	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4436	ALL	750655.34	4044895.39	2.03E-08	70YrCancerDerived_InhSoilI	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4437	ALL	750479.68	4044884.47	2.10E-08	70YrCancerDerived_InhSoilI	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4438	ALL	750304.01	4044873.54	2.16E-08	70YrCancerDerived_InhSoilI	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4439	ALL	750124.51	4045062.17	2.15E-08	70YrCancerDerived_InhSoilI	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4440	ALL	750120.68	4045261.72	2.09E-08	70YrCancerDerived_InhSoilI	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4441	ALL	750116.84	4045461.27	2.03E-08	70YrCancerDerived_InhSoilI	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4442	ALL	749930.09	4045652.73	1.96E-08	70YrCancerDerived_InhSoilI	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4443	ALL	749747.16	4045644.64	1.96E-08	70YrCancerDerived_InhSoilI	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4444	ALL	749564.24	4045636.55	1.97E-08	70YrCancerDerived_InhSoilI	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4445	ALL	749381.32	4045628.46	2.01E-08	70YrCancerDerived_InhSoilI	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4446	ALL	749198.39	4045620.38	2.05E-08	70YrCancerDerived_InhSoilI	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4447	ALL	749015.47	4045612.29	2.09E-08	70YrCancerDerived_InhSoilI	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4448	ALL	748832.55	4045604.2	2.14E-08	70YrCancerDerived_InhSoilI	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4449	ALL	748649.62	4045596.11	2.18E-08	70YrCancerDerived_InhSoilI	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4450	ALL	748470.57	4045402.95	2.30E-08	70YrCancerDerived_InhSoilI	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4451	ALL	748474.44	4045217.88	2.37E-08	70YrCancerDerived_InhSoilI	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4452	ALL	748478.32	4045032.81	2.44E-08	70YrCancerDerived_InhSoilI	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4453	ALL	748482.19	4044847.74	2.51E-08	70YrCancerDerived_InhSoilI	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4454	ALL	748486.06	4044662.67	2.57E-08	70YrCancerDerived_InhSoilI	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4455	ALL	748489.93	4044477.6	2.67E-08	70YrCancerDerived_InhSoilI	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4456	ALL	748493.81	4044292.53	2.76E-08	70YrCancerDerived_InhSoilI	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4457	ALL	748497.68	4044107.46	2.86E-08	70YrCancerDerived_InhSoilI	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4458	ALL	748501.55	4043922.39	2.96E-08	70YrCancerDerived_InhSoilI	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4459	ALL	748505.42	4043737.32	3.07E-08	70YrCancerDerived_InhSoilI	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4460	ALL	748509.3	4043552.25	3.19E-08	70YrCancerDerived_InhSoilI	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4461	ALL	748513.17	4043367.18	3.32E-08	70YrCancerDerived_InhSoilI	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4462	ALL	748521.32	4043003.52	3.61E-08	70YrCancerDerived_InhSoilI	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4463	ALL	748525.6	4042824.93	3.78E-08	70YrCancerDerived_InhSoilI	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4464	ALL	748529.88	4042646.34	3.97E-08	70YrCancerDerived_InhSoilI	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4465	ALL	748534.16	4042467.75	4.19E-08	70YrCancerDerived_InhSoilI	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4466	ALL	748538.45	4042289.16	4.44E-08	70YrCancerDerived_InhSoilI	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4467	ALL	748542.73	4042110.57	4.73E-08	70YrCancerDerived_InhSoilI	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4468	ALL	748547.01	4041931.98	5.07E-08	70YrCancerDerived_InhSoilI	5.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4469	ALL	748551.29	4041753.39	5.47E-08	70YrCancerDerived_InhSoilI	5.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4470	ALL	748415.26	4041570.97	6.46E-08	70YrCancerDerived_InhSoilI	6.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4471	ALL	748274.94	4041567.13	7.04E-08	70YrCancerDerived_InhSoilI	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4472	ALL	747999.07	4041558.26	8.26E-08	70YrCancerDerived_InhSoilI	8.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4473	ALL	747863.5	4041553.23	8.95E-08	70YrCancerDerived_InhSoilI	8.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4474	ALL	747530.03	4041541.69	1.17E-07	70YrCancerDerived_InhSoilI	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4475	ALL	747332.13	4041535.19	1.31E-07	70YrCancerDerived_InhSoilI	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4476	ALL	747134.22	4041528.68	1.40E-07	70YrCancerDerived_InhSoilI	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4477	ALL	746936.32	4041522.18	1.39E-07	70YrCancerDerived_InhSoilI	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4478	ALL	746737.17	4041318.1	1.32E-07	70YrCancerDerived_InhSoilI	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4479	ALL	746544.71	4040913.4	1.00E-07	70YrCancerDerived_InhSoilI	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4480	ALL	746546.18	4040716.18	9.21E-08	70YrCancerDerived_InhSoilI	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4481	ALL	746752.4	4039891.44	7.53E-08	70YrCancerDerived_InhSoilI	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4482	ALL	746931.8	4039897.49	7.72E-08	70YrCancerDerived_InhSoilI	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4483	ALL	747111.2	4039903.53	7.97E-08	70YrCancerDerived_InhSoilI	7.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4484	ALL	747290.6	4039909.57	8.30E-08	70YrCancerDerived_InhSoilI	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4485	ALL	747470.01	4039915.62	8.75E-08	70YrCancerDerived_InhSoilI	8.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4486	ALL	747649.41	4039921.66	9.48E-08	70YrCancerDerived_InhSoilI	9.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4487	ALL	747828.81	4039927.7	1.09E-07	70YrCancerDerived_InhSoilI	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4488	ALL	748008.21	4039933.75	1.37E-07	70YrCancerDerived_InhSoilI	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4489	ALL	748192.76	4039742.94	1.55E-07	70YrCancerDerived_InhSoilI	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4490	ALL	748197.9	4039546.08	1.34E-07	70YrCancerDerived_InhSoilI	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4491	ALL	748203.05	4039349.23	1.23E-07	70YrCancerDerived_InhSoilI	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4492	ALL	748208.19	4039152.38	1.15E-07	70YrCancerDerived_InhSoilI	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4493	ALL	748213.33	4038955.53	1.06E-07	70YrCancerDerived_InhSoilI	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4494	ALL	748218.48	4038758.67	9.83E-08	70YrCancerDerived_InhSoilI	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4495	ALL	748223.63	4038561.82	9.16E-08	70YrCancerDerived_InhSoilI	9.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4496	ALL	748228.77	4038364.97	8.60E-08	70YrCancerDerived_InhSoilI	8.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4497	ALL	748233.92	4038168.12	8.15E-08	70YrCancerDerived_InhSoilI	8.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4498	ALL	748239.06	4037971.27	7.85E-08	70YrCancerDerived_InhSoilI	7.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4499	ALL	748244.21	4037774.41	7.69E-08	70YrCancerDerived_InhSoilI	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4500	ALL	748249.35	4037577.56	7.68E-08	70YrCancerDerived_InhSoilI	7.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4501	ALL	748254.49	4037380.71	7.82E-08	70YrCancerDerived_InhSoilI	7.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4502	ALL	748259.64	4037183.85	8.19E-08	70YrCancerDerived_InhSoilI	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4503	ALL	748264.79	4036987	8.91E-08	70YrCancerDerived_InhSoilI	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4504	ALL	748073.87	4036783.77	9.98E-08	70YrCancerDerived_InhSoilI	9.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4505	ALL	747877.81	4036777.4	9.99E-08	70YrCancerDerived_InhSoilI	9.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4506	ALL	747681.76	4036771.02	1.02E-07	70YrCancerDerived_InhSoilI	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4507	ALL	747478.34	4036933.02	9.65E-08	70YrCancerDerived_InhSoilI	9.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4508	ALL	747470.98	4037101.4	8.83E-08	70YrCancerDerived_InhSoilI	8.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4509	ALL	747463.62	4037269.77	8.25E-08	70YrCancerDerived_InhSoilI	8.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4510	ALL	747456.26	4037438.14	7.79E-08	70YrCancerDerived_InhSoilI	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4511	ALL	747448.9	4037606.52	7.44E-08	70YrCancerDerived_InhSoilI	7.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4512	ALL	747280.47	4037769.56	7.16E-08	70YrCancerDerived_InhSoilI	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4513	ALL	747119.4	4037764.24	7.41E-08	70YrCancerDerived_InhSoilI	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4514	ALL	746958.32	4037758.91	7.82E-08	70YrCancerDerived_InhSoilI	7.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4515	ALL	746797.25	4037753.59	8.23E-08	70YrCancerDerived_InhSoilI	8.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4516	ALL	746641.93	4037581.09	8.99E-08	70YrCancerDerived_InhSoilI	8.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4517	ALL	746647.68	4037413.93	9.79E-08	70YrCancerDerived_InhSoilI	9.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4518	ALL	746653.44	4037246.76	1.10E-07	70YrCancerDerived_InhSoilI	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4519	ALL	746659.19	4037079.59	1.31E-07	70YrCancerDerived_InhSoilI	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4520	ALL	746664.94	4036912.43	1.69E-07	70YrCancerDerived_InhSoilI	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4521	ALL	746484.21	4036739.13	3.11E-07	70YrCancerDerived_InhSoilI	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4522	ALL	746297.73	4036733	2.92E-07	70YrCancerDerived_InhSoilI	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4523	ALL	746111.25	4036726.86	2.36E-07	70YrCancerDerived_InhSoilI	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4524	ALL	745924.77	4036720.73	1.89E-07	70YrCancerDerived_InhSoilI	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4525	ALL	745539.2	4036707.71	1.28E-07	70YrCancerDerived_InhSoilI	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4526	ALL	745340.1	4036700.83	1.11E-07	70YrCancerDerived_InhSoilI	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4527	ALL	745141.01	4036693.94	9.89E-08	70YrCancerDerived_InhSoilI	9.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4528	ALL	744941.92	4036687.06	9.01E-08	70YrCancerDerived_InhSoilI	9.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4529	ALL	744742.83	4036680.17	8.35E-08	70YrCancerDerived_InhSoilI	8.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4530	ALL	744543.73	4036673.29	7.84E-08	70YrCancerDerived_InhSoilI	7.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4531	ALL	744344.64	4036666.4	7.43E-08	70YrCancerDerived_InhSoilI	7.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4532	ALL	744145.55	4036659.51	7.07E-08	70YrCancerDerived_InhSoilI	7.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4533	ALL	743946.45	4036652.63	6.76E-08	70YrCancerDerived_InhSoilI	6.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4534	ALL	743747.36	4036645.74	6.47E-08	70YrCancerDerived_InhSoilI	6.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4535	ALL	743548.27	4036638.86	6.20E-08	70YrCancerDerived_InhSoilI	6.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4536	ALL	743349.18	4036631.97	5.96E-08	70YrCancerDerived_InhSoilI	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4537	ALL	743150.08	4036625.09	5.73E-08	70YrCancerDerived_InhSoilI	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4538	ALL	742950.99	4036618.2	5.53E-08	70YrCancerDerived_InhSoilI	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4539	ALL	742751.9	4036611.31	5.35E-08	70YrCancerDerived_InhSoilI	5.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4540	ALL	742552.8	4036604.43	5.19E-08	70YrCancerDerived_InhSoilI	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4541	ALL	742353.71	4036597.54	5.05E-08	70YrCancerDerived_InhSoilI	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4542	ALL	742154.62	4036590.66	4.93E-08	70YrCancerDerived_InhSoilI	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4543	ALL	741955.53	4036583.77	4.83E-08	70YrCancerDerived_InhSoilI	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4544	ALL	741756.43	4036576.89	4.77E-08	70YrCancerDerived_InhSoilI	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4545	ALL	741557.34	4036570	4.69E-08	70YrCancerDerived_InhSoilI	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4546	ALL	741358.25	4036563.11	4.63E-08	70YrCancerDerived_InhSoilI	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4547	ALL	741159.15	4036556.23	4.58E-08	70YrCancerDerived_InhSoilI	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4548	ALL	740960.06	4036549.34	4.52E-08	70YrCancerDerived_InhSoilI	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4549	ALL	740760.97	4036542.46	4.48E-08	70YrCancerDerived_InhSoilI	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4550	ALL	740561.88	4036535.57	4.44E-08	70YrCancerDerived_InhSoilI	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4551	ALL	740362.78	4036528.69	4.41E-08	70YrCancerDerived_InhSoilI	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4552	ALL	740163.69	4036521.8	4.39E-08	70YrCancerDerived_InhSoilI	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4553	ALL	739964.6	4036514.91	4.37E-08	70YrCancerDerived_InhSoilI	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4554	ALL	739765.5	4036508.03	4.34E-08	70YrCancerDerived_InhSoilI	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4555	ALL	739566.41	4036501.14	4.32E-08	70YrCancerDerived_InhSoilI	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4556	ALL	739367.32	4036494.26	4.30E-08	70YrCancerDerived_InhSoilI	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4557	ALL	739168.23	4036487.37	4.28E-08	70YrCancerDerived_InhSoilI	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4558	ALL	738969.13	4036480.49	4.26E-08	70YrCancerDerived_InhSoilI	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4559	ALL	738604.82	4036569.13	4.14E-08	70YrCancerDerived_InhSoilI	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4560	ALL	738337.99	4036497.02	4.13E-08	70YrCancerDerived_InhSoilI	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4561	ALL	738236.37	4036329.38	4.21E-08	70YrCancerDerived_InhSoilI	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4562	ALL	738134.74	4036161.74	4.30E-08	70YrCancerDerived_InhSoilI	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4563	ALL	738033.12	4035994.09	4.40E-08	70YrCancerDerived_InhSoilI	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4564	ALL	737931.5	4035826.45	4.51E-08	70YrCancerDerived_InhSoilI	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4565	ALL	737563.33	4035513.17	4.70E-08	70YrCancerDerived_InhSoilI	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4566	ALL	737382.93	4035513.06	4.70E-08	70YrCancerDerived_InhSoilI	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4567	ALL	737202.52	4035512.96	4.69E-08	70YrCancerDerived_InhSoilI	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4568	ALL	736835.12	4035512.78	4.68E-08	70YrCancerDerived_InhSoilI	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4569	ALL	736648.13	4035512.71	4.67E-08	70YrCancerDerived_InhSoilI	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4570	ALL	736461.13	4035512.64	4.66E-08	70YrCancerDerived_InhSoilI	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4571	ALL	736274.14	4035512.57	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4572	ALL	736087.14	4035512.51	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4573	ALL	735900.15	4035512.44	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4574	ALL	735713.15	4035512.37	4.66E-08	70YrCancerDerived_InhSoilI	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4575	ALL	735526.16	4035512.3	4.65E-08	70YrCancerDerived_InhSoilI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4576	ALL	735195.5	4035375.4	4.84E-08	70YrCancerDerived_InhSoilI	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4577	ALL	735051.83	4035238.56	5.14E-08	70YrCancerDerived_InhSoilI	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4578	ALL	734908.17	4035101.73	5.50E-08	70YrCancerDerived_InhSoilI	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4579	ALL	734764.5	4034964.89	6.00E-08	70YrCancerDerived_InhSoilI	6.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4580	ALL	734480.27	4034822.3	6.70E-08	70YrCancerDerived_InhSoilI	6.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4581	ALL	734339.71	4034816.54	6.68E-08	70YrCancerDerived_InhSoilI	6.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4582	ALL	734131.2	4034700.77	7.53E-08	70YrCancerDerived_InhSoilI	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4583	ALL	733867.32	4034587.41	9.11E-08	70YrCancerDerived_InhSoilI	9.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4584	ALL	733482	4034637.69	1.13E-07	70YrCancerDerived_InhSoilI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4585	ALL	733297.29	4034632.7	1.33E-07	70YrCancerDerived_InhSoilI	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4586	ALL	733112.59	4034627.7	1.86E-07	70YrCancerDerived_InhSoilI	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4587	ALL	732927.88	4034622.71	3.11E-07	70YrCancerDerived_InhSoilI	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4588	ALL	732574.01	4034614.02	2.99E-07	70YrCancerDerived_InhSoilI	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4589	ALL	732404.85	4034610.32	2.22E-07	70YrCancerDerived_InhSoilI	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4590	ALL	732235.69	4034606.61	1.68E-07	70YrCancerDerived_InhSoilI	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v21081 3/18/2024 7:13:03 PM - Cancer Risk - Input File: C:\HARP2\Projects\DARDEN CLEAN ENERGY PROJECT\hra\Darden_Permit_Worker_HRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1	ALL		732073	4033492	5.72E-09	25YrCancer	5.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		732173	4033492	5.57E-09	25YrCancer	5.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		732273	4033492	5.23E-09	25YrCancer	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		732373	4033492	5.19E-09	25YrCancer	5.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		732473	4033492	5.22E-09	25YrCancer	5.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		732573	4033492	5.30E-09	25YrCancer	5.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		732673	4033492	5.36E-09	25YrCancer	5.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		732773	4033492	5.60E-09	25YrCancer	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		732873	4033492	5.95E-09	25YrCancer	5.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		732973	4033492	6.65E-09	25YrCancer	6.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		733073	4033492	8.21E-09	25YrCancer	8.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		733173	4033492	1.06E-08	25YrCancer	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		733273	4033492	1.60E-08	25YrCancer	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		733373	4033492	2.93E-08	25YrCancer	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		733473	4033492	4.94E-08	25YrCancer	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		733573	4033492	6.84E-08	25YrCancer	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		733673	4033492	8.30E-08	25YrCancer	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		733773	4033492	9.22E-08	25YrCancer	9.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		733873	4033492	9.51E-08	25YrCancer	9.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		733973	4033492	9.20E-08	25YrCancer	9.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		734073	4033492	8.48E-08	25YrCancer	8.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		732073	4033592	5.77E-09	25YrCancer	5.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		732173	4033592	5.58E-09	25YrCancer	5.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		732273	4033592	5.49E-09	25YrCancer	5.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		732373	4033592	5.47E-09	25YrCancer	5.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		732473	4033592	5.45E-09	25YrCancer	5.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		732573	4033592	5.49E-09	25YrCancer	5.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		732673	4033592	5.74E-09	25YrCancer	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		732773	4033592	6.08E-09	25YrCancer	6.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		732873	4033592	6.53E-09	25YrCancer	6.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		732973	4033592	7.26E-09	25YrCancer	7.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		733073	4033592	8.85E-09	25YrCancer	8.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		733173	4033592	1.19E-08	25YrCancer	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		733273	4033592	1.92E-08	25YrCancer	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		733373	4033592	4.00E-08	25YrCancer	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		733473	4033592	7.21E-08	25YrCancer	7.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		733573	4033592	9.94E-08	25YrCancer	9.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		733673	4033592	1.17E-07	25YrCancer	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		733773	4033592	1.23E-07	25YrCancer	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		733873	4033592	1.18E-07	25YrCancer	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		733973	4033592	1.06E-07	25YrCancer	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		734073	4033592	9.10E-08	25YrCancer	9.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		732073	4033692	6.64E-09	25YrCancer	6.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		732173	4033692	6.17E-09	25YrCancer	6.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		732273	4033692	6.04E-09	25YrCancer	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		732373	4033692	5.88E-09	25YrCancer	5.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		732473	4033692	5.77E-09	25YrCancer	5.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		732573	4033692	5.76E-09	25YrCancer	5.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		732673	4033692	5.93E-09	25YrCancer	5.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

50	ALL	732773	4033692	6.43E-09	25YrCancer	6.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL	732873	4033692	7.18E-09	25YrCancer	7.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL	732973	4033692	8.16E-09	25YrCancer	8.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL	733073	4033692	9.89E-09	25YrCancer	9.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL	733173	4033692	1.37E-08	25YrCancer	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL	733273	4033692	2.40E-08	25YrCancer	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL	733373	4033692	5.99E-08	25YrCancer	5.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL	733473	4033692	1.14E-07	25YrCancer	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	733573	4033692	1.54E-07	25YrCancer	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	733673	4033692	1.69E-07	25YrCancer	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	733773	4033692	1.59E-07	25YrCancer	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	733873	4033692	1.36E-07	25YrCancer	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	733973	4033692	1.11E-07	25YrCancer	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	734073	4033692	9.00E-08	25YrCancer	9.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	732073	4033792	6.97E-09	25YrCancer	6.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	732373	4033792	6.23E-09	25YrCancer	6.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	732473	4033792	6.14E-09	25YrCancer	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	732573	4033792	6.17E-09	25YrCancer	6.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	732673	4033792	6.32E-09	25YrCancer	6.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	732773	4033792	6.80E-09	25YrCancer	6.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	732873	4033792	7.77E-09	25YrCancer	7.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	732973	4033792	9.36E-09	25YrCancer	9.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	733073	4033792	1.17E-08	25YrCancer	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	733173	4033792	1.64E-08	25YrCancer	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	733273	4033792	3.12E-08	25YrCancer	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	733373	4033792	1.01E-07	25YrCancer	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	733473	4033792	2.04E-07	25YrCancer	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	733573	4033792	2.50E-07	25YrCancer	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	733673	4033792	2.30E-07	25YrCancer	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	733773	4033792	1.82E-07	25YrCancer	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	733873	4033792	1.38E-07	25YrCancer	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	733973	4033792	1.05E-07	25YrCancer	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	734073	4033792	8.14E-08	25YrCancer	8.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	732073	4033892	7.32E-09	25YrCancer	7.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	733773	4033892	1.70E-07	25YrCancer	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	733873	4033892	1.19E-07	25YrCancer	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	733973	4033892	8.75E-08	25YrCancer	8.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	734073	4033892	6.73E-08	25YrCancer	6.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	732073	4033992	7.28E-09	25YrCancer	7.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	733773	4033992	1.23E-07	25YrCancer	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	733873	4033992	8.62E-08	25YrCancer	8.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	733973	4033992	6.43E-08	25YrCancer	6.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	734073	4033992	5.04E-08	25YrCancer	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	732073	4034092	7.43E-09	25YrCancer	7.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	733773	4034092	6.60E-08	25YrCancer	6.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	733873	4034092	5.04E-08	25YrCancer	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	733973	4034092	4.05E-08	25YrCancer	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	734073	4034092	3.36E-08	25YrCancer	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	732073	4034192	7.33E-09	25YrCancer	7.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	733773	4034192	2.77E-08	25YrCancer	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	733873	4034192	2.51E-08	25YrCancer	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

101	ALL	733973	4034192	2.28E-08	25YrCancer	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	734073	4034192	2.07E-08	25YrCancer	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	732073	4034292	7.23E-09	25YrCancer	7.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	733773	4034292	1.34E-08	25YrCancer	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	733873	4034292	1.32E-08	25YrCancer	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	733973	4034292	1.31E-08	25YrCancer	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	734073	4034292	1.28E-08	25YrCancer	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	734173	4034292	1.24E-08	25YrCancer	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	732073	4034392	7.31E-09	25YrCancer	7.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	733773	4034392	8.97E-09	25YrCancer	8.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	733873	4034392	8.73E-09	25YrCancer	8.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	733973	4034392	8.70E-09	25YrCancer	8.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	734073	4034392	8.71E-09	25YrCancer	8.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	734173	4034392	8.69E-09	25YrCancer	8.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	734273	4034392	8.64E-09	25YrCancer	8.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	732073	4034492	7.79E-09	25YrCancer	7.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	734173	4034492	6.68E-09	25YrCancer	6.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	734273	4034492	6.70E-09	25YrCancer	6.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	734373	4034492	6.70E-09	25YrCancer	6.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	734473	4034492	6.68E-09	25YrCancer	6.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	734573	4034492	6.64E-09	25YrCancer	6.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	734673	4034492	6.57E-09	25YrCancer	6.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	734773	4034492	6.48E-09	25YrCancer	6.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	734873	4034492	6.38E-09	25YrCancer	6.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	732073	4034592	8.55E-09	25YrCancer	8.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	733773	4034592	5.91E-09	25YrCancer	5.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	733873	4034592	5.67E-09	25YrCancer	5.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	733973	4034592	5.56E-09	25YrCancer	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	734273	4034592	5.55E-09	25YrCancer	5.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	734373	4034592	5.56E-09	25YrCancer	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	734473	4034592	5.58E-09	25YrCancer	5.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	734573	4034592	5.58E-09	25YrCancer	5.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	734673	4034592	5.56E-09	25YrCancer	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	734773	4034592	5.53E-09	25YrCancer	5.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	734873	4034592	5.48E-09	25YrCancer	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	734973	4034592	5.42E-09	25YrCancer	5.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	732073	4034692	9.55E-09	25YrCancer	9.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	732173	4034692	1.06E-08	25YrCancer	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	732273	4034692	1.21E-08	25YrCancer	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	732373	4034692	1.41E-08	25YrCancer	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	732473	4034692	1.64E-08	25YrCancer	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	732573	4034692	1.88E-08	25YrCancer	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	732673	4034692	2.03E-08	25YrCancer	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	732773	4034692	1.99E-08	25YrCancer	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	732873	4034692	1.69E-08	25YrCancer	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	732973	4034692	1.35E-08	25YrCancer	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	733073	4034692	1.06E-08	25YrCancer	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	733173	4034692	8.67E-09	25YrCancer	8.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	733273	4034692	7.56E-09	25YrCancer	7.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	733373	4034692	6.93E-09	25YrCancer	6.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	733473	4034692	6.46E-09	25YrCancer	6.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

152	ALL	733573	4034692	5.91E-09	25YrCancer	5.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	733673	4034692	5.40E-09	25YrCancer	5.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	733773	4034692	5.07E-09	25YrCancer	5.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	733873	4034692	4.89E-09	25YrCancer	4.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	733973	4034692	4.80E-09	25YrCancer	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	734073	4034692	4.78E-09	25YrCancer	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	734273	4034692	4.81E-09	25YrCancer	4.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	734373	4034692	4.83E-09	25YrCancer	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	734473	4034692	4.84E-09	25YrCancer	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	734573	4034692	4.85E-09	25YrCancer	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	734673	4034692	4.85E-09	25YrCancer	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	734773	4034692	4.85E-09	25YrCancer	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	734873	4034692	4.82E-09	25YrCancer	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	734973	4034692	4.79E-09	25YrCancer	4.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	732073	4034792	1.01E-08	25YrCancer	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	732173	4034792	1.12E-08	25YrCancer	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	732273	4034792	1.27E-08	25YrCancer	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	732373	4034792	1.44E-08	25YrCancer	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	732473	4034792	1.60E-08	25YrCancer	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	732573	4034792	1.70E-08	25YrCancer	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	732673	4034792	1.66E-08	25YrCancer	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	732773	4034792	1.48E-08	25YrCancer	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	732873	4034792	1.23E-08	25YrCancer	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	732973	4034792	9.99E-09	25YrCancer	9.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	733073	4034792	8.26E-09	25YrCancer	8.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	733173	4034792	7.08E-09	25YrCancer	7.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	733273	4034792	6.31E-09	25YrCancer	6.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	733373	4034792	5.86E-09	25YrCancer	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	733473	4034792	5.50E-09	25YrCancer	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	733573	4034792	5.15E-09	25YrCancer	5.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	733673	4034792	4.77E-09	25YrCancer	4.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	733773	4034792	4.48E-09	25YrCancer	4.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	733873	4034792	4.33E-09	25YrCancer	4.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	733973	4034792	4.25E-09	25YrCancer	4.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	734073	4034792	4.22E-09	25YrCancer	4.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	734173	4034792	4.24E-09	25YrCancer	4.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	734773	4034792	4.35E-09	25YrCancer	4.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	734873	4034792	4.34E-09	25YrCancer	4.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	734973	4034792	4.32E-09	25YrCancer	4.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	735073	4034792	4.30E-09	25YrCancer	4.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	732073	4034892	1.04E-08	25YrCancer	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	732173	4034892	1.15E-08	25YrCancer	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	732273	4034892	1.26E-08	25YrCancer	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	732373	4034892	1.36E-08	25YrCancer	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	732473	4034892	1.42E-08	25YrCancer	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	732573	4034892	1.42E-08	25YrCancer	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	732673	4034892	1.31E-08	25YrCancer	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	732773	4034892	1.12E-08	25YrCancer	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	732873	4034892	9.39E-09	25YrCancer	9.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	732973	4034892	7.91E-09	25YrCancer	7.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	733073	4034892	6.83E-09	25YrCancer	6.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

203	ALL	733173	4034892	6.02E-09	25YrCancer	6.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	733273	4034892	5.46E-09	25YrCancer	5.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	733373	4034892	5.11E-09	25YrCancer	5.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	733473	4034892	4.83E-09	25YrCancer	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	733573	4034892	4.59E-09	25YrCancer	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	733673	4034892	4.30E-09	25YrCancer	4.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	733773	4034892	4.06E-09	25YrCancer	4.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	733873	4034892	3.91E-09	25YrCancer	3.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	733973	4034892	3.83E-09	25YrCancer	3.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	734073	4034892	3.81E-09	25YrCancer	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	734173	4034892	3.82E-09	25YrCancer	3.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	734273	4034892	3.85E-09	25YrCancer	3.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	734373	4034892	3.90E-09	25YrCancer	3.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	734473	4034892	3.94E-09	25YrCancer	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	734573	4034892	3.97E-09	25YrCancer	3.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	734673	4034892	3.98E-09	25YrCancer	3.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	734873	4034892	3.97E-09	25YrCancer	3.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	734973	4034892	3.96E-09	25YrCancer	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	735073	4034892	3.95E-09	25YrCancer	3.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	735173	4034892	3.94E-09	25YrCancer	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	732073	4034992	1.04E-08	25YrCancer	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	732173	4034992	1.13E-08	25YrCancer	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	732273	4034992	1.19E-08	25YrCancer	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	732373	4034992	1.22E-08	25YrCancer	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	732473	4034992	1.21E-08	25YrCancer	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	732573	4034992	1.16E-08	25YrCancer	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	732673	4034992	1.04E-08	25YrCancer	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	732773	4034992	8.85E-09	25YrCancer	8.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	732873	4034992	7.55E-09	25YrCancer	7.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	732973	4034992	6.59E-09	25YrCancer	6.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	733073	4034992	5.86E-09	25YrCancer	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	733173	4034992	5.27E-09	25YrCancer	5.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	733273	4034992	4.87E-09	25YrCancer	4.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	733373	4034992	4.57E-09	25YrCancer	4.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	733473	4034992	4.34E-09	25YrCancer	4.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	733573	4034992	4.16E-09	25YrCancer	4.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	733673	4034992	3.95E-09	25YrCancer	3.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	733773	4034992	3.74E-09	25YrCancer	3.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	733873	4034992	3.59E-09	25YrCancer	3.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	733973	4034992	3.51E-09	25YrCancer	3.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	734073	4034992	3.49E-09	25YrCancer	3.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	734173	4034992	3.49E-09	25YrCancer	3.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	734273	4034992	3.52E-09	25YrCancer	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	734373	4034992	3.56E-09	25YrCancer	3.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	734473	4034992	3.62E-09	25YrCancer	3.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	734573	4034992	3.66E-09	25YrCancer	3.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	734673	4034992	3.68E-09	25YrCancer	3.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	734773	4034992	3.70E-09	25YrCancer	3.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	734973	4034992	3.70E-09	25YrCancer	3.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	735073	4034992	3.69E-09	25YrCancer	3.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	735173	4034992	3.68E-09	25YrCancer	3.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

254	ALL	735273	4034992	3.66E-09	25YrCancer	3.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	734073	4035092	3.24E-09	25YrCancer	3.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	734173	4035092	3.24E-09	25YrCancer	3.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	734273	4035092	3.26E-09	25YrCancer	3.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	734373	4035092	3.29E-09	25YrCancer	3.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	734473	4035092	3.34E-09	25YrCancer	3.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	734573	4035092	3.39E-09	25YrCancer	3.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	734673	4035092	3.42E-09	25YrCancer	3.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	734773	4035092	3.45E-09	25YrCancer	3.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	734873	4035092	3.47E-09	25YrCancer	3.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	735073	4035092	3.48E-09	25YrCancer	3.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	735173	4035092	3.47E-09	25YrCancer	3.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	735273	4035092	3.46E-09	25YrCancer	3.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	735373	4035092	3.45E-09	25YrCancer	3.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	734073	4035192	3.04E-09	25YrCancer	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	734173	4035192	3.04E-09	25YrCancer	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	734273	4035192	3.06E-09	25YrCancer	3.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	734373	4035192	3.08E-09	25YrCancer	3.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	734473	4035192	3.11E-09	25YrCancer	3.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	734573	4035192	3.15E-09	25YrCancer	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	734673	4035192	3.19E-09	25YrCancer	3.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	734773	4035192	3.24E-09	25YrCancer	3.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	734873	4035192	3.27E-09	25YrCancer	3.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	734973	4035192	3.29E-09	25YrCancer	3.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	735173	4035192	3.30E-09	25YrCancer	3.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	735273	4035192	3.29E-09	25YrCancer	3.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	735373	4035192	3.28E-09	25YrCancer	3.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	735473	4035192	3.28E-09	25YrCancer	3.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	735573	4035192	3.27E-09	25YrCancer	3.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	735673	4035192	3.26E-09	25YrCancer	3.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	735773	4035192	3.26E-09	25YrCancer	3.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	735873	4035192	3.25E-09	25YrCancer	3.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	735973	4035192	3.25E-09	25YrCancer	3.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	736073	4035192	3.24E-09	25YrCancer	3.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	736173	4035192	3.23E-09	25YrCancer	3.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	736273	4035192	3.22E-09	25YrCancer	3.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	736373	4035192	3.22E-09	25YrCancer	3.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	736473	4035192	3.21E-09	25YrCancer	3.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	736573	4035192	3.20E-09	25YrCancer	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	736673	4035192	3.20E-09	25YrCancer	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	736773	4035192	3.19E-09	25YrCancer	3.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	736873	4035192	3.18E-09	25YrCancer	3.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	736973	4035192	3.17E-09	25YrCancer	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	737073	4035192	3.17E-09	25YrCancer	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	737173	4035192	3.17E-09	25YrCancer	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	737273	4035192	3.16E-09	25YrCancer	3.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	737373	4035192	3.15E-09	25YrCancer	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	737473	4035192	3.15E-09	25YrCancer	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	737573	4035192	3.14E-09	25YrCancer	3.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	737673	4035192	3.13E-09	25YrCancer	3.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	737773	4035192	3.12E-09	25YrCancer	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

305	ALL	737873	4035192	3.12E-09	25YrCancer	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	737973	4035192	3.11E-09	25YrCancer	3.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	734673	4035292	2.99E-09	25YrCancer	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	734773	4035292	3.04E-09	25YrCancer	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	734873	4035292	3.08E-09	25YrCancer	3.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	734973	4035292	3.12E-09	25YrCancer	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	735073	4035292	3.14E-09	25YrCancer	3.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	735273	4035292	3.16E-09	25YrCancer	3.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	735373	4035292	3.15E-09	25YrCancer	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	735473	4035292	3.15E-09	25YrCancer	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	735573	4035292	3.14E-09	25YrCancer	3.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	735673	4035292	3.13E-09	25YrCancer	3.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	735773	4035292	3.13E-09	25YrCancer	3.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	735873	4035292	3.13E-09	25YrCancer	3.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	735973	4035292	3.13E-09	25YrCancer	3.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	736073	4035292	3.12E-09	25YrCancer	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	736173	4035292	3.12E-09	25YrCancer	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	736273	4035292	3.11E-09	25YrCancer	3.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	736373	4035292	3.11E-09	25YrCancer	3.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	736473	4035292	3.11E-09	25YrCancer	3.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	736573	4035292	3.10E-09	25YrCancer	3.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	736673	4035292	3.10E-09	25YrCancer	3.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	736773	4035292	3.10E-09	25YrCancer	3.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	736873	4035292	3.10E-09	25YrCancer	3.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	736973	4035292	3.09E-09	25YrCancer	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	737073	4035292	3.09E-09	25YrCancer	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	737173	4035292	3.08E-09	25YrCancer	3.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	737273	4035292	3.08E-09	25YrCancer	3.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	737373	4035292	3.08E-09	25YrCancer	3.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	737473	4035292	3.07E-09	25YrCancer	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	737573	4035292	3.07E-09	25YrCancer	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	737673	4035292	3.06E-09	25YrCancer	3.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	737773	4035292	3.06E-09	25YrCancer	3.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	737873	4035292	3.06E-09	25YrCancer	3.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	737973	4035292	3.05E-09	25YrCancer	3.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	734873	4035392	2.91E-09	25YrCancer	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	734973	4035392	2.95E-09	25YrCancer	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	735073	4035392	2.99E-09	25YrCancer	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	735173	4035392	3.01E-09	25YrCancer	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	735373	4035392	3.03E-09	25YrCancer	3.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	735473	4035392	3.04E-09	25YrCancer	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	735573	4035392	3.03E-09	25YrCancer	3.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	735673	4035392	3.03E-09	25YrCancer	3.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	735773	4035392	3.03E-09	25YrCancer	3.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	735873	4035392	3.02E-09	25YrCancer	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	735973	4035392	3.02E-09	25YrCancer	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	736073	4035392	3.02E-09	25YrCancer	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	736173	4035392	3.02E-09	25YrCancer	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	736273	4035392	3.02E-09	25YrCancer	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	736373	4035392	3.02E-09	25YrCancer	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	736473	4035392	3.02E-09	25YrCancer	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

356	ALL	736573	4035392	3.02E-09	25YrCancer	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	736673	4035392	3.02E-09	25YrCancer	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	736773	4035392	3.02E-09	25YrCancer	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	736873	4035392	3.02E-09	25YrCancer	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	736973	4035392	3.02E-09	25YrCancer	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	737073	4035392	3.02E-09	25YrCancer	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	737173	4035392	3.02E-09	25YrCancer	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	737273	4035392	3.01E-09	25YrCancer	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	737373	4035392	3.01E-09	25YrCancer	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	737473	4035392	3.01E-09	25YrCancer	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	737573	4035392	3.01E-09	25YrCancer	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	737673	4035392	3.01E-09	25YrCancer	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	737773	4035392	3.01E-09	25YrCancer	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	737873	4035392	3.01E-09	25YrCancer	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	737973	4035392	3.00E-09	25YrCancer	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	734973	4035492	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	735073	4035492	2.84E-09	25YrCancer	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	735173	4035492	2.87E-09	25YrCancer	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	735273	4035492	2.91E-09	25YrCancer	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	737873	4035492	2.96E-09	25YrCancer	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	737973	4035492	2.96E-09	25YrCancer	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	735073	4035592	2.70E-09	25YrCancer	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	735173	4035592	2.74E-09	25YrCancer	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	735273	4035592	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	735373	4035592	2.81E-09	25YrCancer	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	735473	4035592	2.84E-09	25YrCancer	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	735573	4035592	2.85E-09	25YrCancer	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	735673	4035592	2.86E-09	25YrCancer	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	735773	4035592	2.86E-09	25YrCancer	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	735873	4035592	2.86E-09	25YrCancer	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	735973	4035592	2.86E-09	25YrCancer	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	736073	4035592	2.86E-09	25YrCancer	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	736173	4035592	2.86E-09	25YrCancer	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	736273	4035592	2.86E-09	25YrCancer	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	736373	4035592	2.86E-09	25YrCancer	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	736473	4035592	2.87E-09	25YrCancer	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	736573	4035592	2.87E-09	25YrCancer	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	736673	4035592	2.88E-09	25YrCancer	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	736773	4035592	2.88E-09	25YrCancer	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	736873	4035592	2.89E-09	25YrCancer	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	736973	4035592	2.90E-09	25YrCancer	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	737073	4035592	2.90E-09	25YrCancer	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	737173	4035592	2.90E-09	25YrCancer	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	737273	4035592	2.91E-09	25YrCancer	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	737373	4035592	2.91E-09	25YrCancer	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	737473	4035592	2.91E-09	25YrCancer	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	737573	4035592	2.92E-09	25YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	737673	4035592	2.92E-09	25YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	737773	4035592	2.92E-09	25YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	737973	4035592	2.92E-09	25YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	735273	4035692	2.66E-09	25YrCancer	2.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

407	ALL	735373	4035692	2.70E-09	25YrCancer	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	735473	4035692	2.73E-09	25YrCancer	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	735573	4035692	2.76E-09	25YrCancer	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	735673	4035692	2.77E-09	25YrCancer	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	735773	4035692	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	735873	4035692	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	735973	4035692	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	736073	4035692	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	736173	4035692	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	736273	4035692	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	736373	4035692	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	736473	4035692	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	736573	4035692	2.81E-09	25YrCancer	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	736673	4035692	2.81E-09	25YrCancer	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	736773	4035692	2.82E-09	25YrCancer	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	736873	4035692	2.83E-09	25YrCancer	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	736973	4035692	2.84E-09	25YrCancer	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	737073	4035692	2.84E-09	25YrCancer	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	737173	4035692	2.85E-09	25YrCancer	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	737273	4035692	2.85E-09	25YrCancer	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	737373	4035692	2.86E-09	25YrCancer	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	737473	4035692	2.86E-09	25YrCancer	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	737573	4035692	2.87E-09	25YrCancer	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	737673	4035692	2.87E-09	25YrCancer	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	737773	4035692	2.88E-09	25YrCancer	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	737973	4035692	2.88E-09	25YrCancer	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	735373	4035792	2.59E-09	25YrCancer	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	735473	4035792	2.62E-09	25YrCancer	2.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	735573	4035792	2.66E-09	25YrCancer	2.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	735673	4035792	2.68E-09	25YrCancer	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	735773	4035792	2.70E-09	25YrCancer	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	735873	4035792	2.71E-09	25YrCancer	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	735973	4035792	2.73E-09	25YrCancer	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	736073	4035792	2.73E-09	25YrCancer	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	736173	4035792	2.74E-09	25YrCancer	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	736273	4035792	2.74E-09	25YrCancer	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	736373	4035792	2.74E-09	25YrCancer	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	736473	4035792	2.74E-09	25YrCancer	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	736573	4035792	2.75E-09	25YrCancer	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	736673	4035792	2.75E-09	25YrCancer	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	736773	4035792	2.76E-09	25YrCancer	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	736873	4035792	2.77E-09	25YrCancer	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	736973	4035792	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	737073	4035792	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	737173	4035792	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	737273	4035792	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	737373	4035792	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	737473	4035792	2.81E-09	25YrCancer	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	737573	4035792	2.82E-09	25YrCancer	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	737673	4035792	2.83E-09	25YrCancer	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	737773	4035792	2.83E-09	25YrCancer	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

458	ALL	737873	4035792	2.84E-09	25YrCancer	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	735473	4035892	2.52E-09	25YrCancer	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	735573	4035892	2.56E-09	25YrCancer	2.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	735673	4035892	2.59E-09	25YrCancer	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	735773	4035892	2.62E-09	25YrCancer	2.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	735873	4035892	2.64E-09	25YrCancer	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	735973	4035892	2.66E-09	25YrCancer	2.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	736073	4035892	2.67E-09	25YrCancer	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	736173	4035892	2.68E-09	25YrCancer	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	736273	4035892	2.69E-09	25YrCancer	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	736373	4035892	2.69E-09	25YrCancer	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	736473	4035892	2.69E-09	25YrCancer	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	736573	4035892	2.69E-09	25YrCancer	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	736673	4035892	2.70E-09	25YrCancer	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	736773	4035892	2.71E-09	25YrCancer	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	736873	4035892	2.71E-09	25YrCancer	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	736973	4035892	2.72E-09	25YrCancer	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	737073	4035892	2.73E-09	25YrCancer	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	737173	4035892	2.74E-09	25YrCancer	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	737273	4035892	2.74E-09	25YrCancer	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	737373	4035892	2.75E-09	25YrCancer	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	737473	4035892	2.76E-09	25YrCancer	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	737573	4035892	2.77E-09	25YrCancer	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	737673	4035892	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	737773	4035892	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	737873	4035892	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	737973	4035892	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	737573	4035992	2.72E-09	25YrCancer	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	737673	4035992	2.73E-09	25YrCancer	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	737773	4035992	2.74E-09	25YrCancer	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	737873	4035992	2.75E-09	25YrCancer	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	737973	4035992	2.76E-09	25YrCancer	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	737573	4036092	2.67E-09	25YrCancer	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	737673	4036092	2.68E-09	25YrCancer	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	737773	4036092	2.70E-09	25YrCancer	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	737873	4036092	2.71E-09	25YrCancer	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	737973	4036092	2.72E-09	25YrCancer	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	737573	4036192	2.63E-09	25YrCancer	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	737673	4036192	2.64E-09	25YrCancer	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	737773	4036192	2.65E-09	25YrCancer	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	737873	4036192	2.66E-09	25YrCancer	2.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	737973	4036192	2.67E-09	25YrCancer	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	737573	4036292	2.59E-09	25YrCancer	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	737673	4036292	2.60E-09	25YrCancer	2.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	737773	4036292	2.61E-09	25YrCancer	2.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	737873	4036292	2.62E-09	25YrCancer	2.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	737973	4036292	2.63E-09	25YrCancer	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	738080.96	4035200.87	3.09E-09	25YrCancer	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	738180.96	4035200.87	3.08E-09	25YrCancer	3.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	738280.96	4035200.87	3.07E-09	25YrCancer	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	738080.96	4035300.87	3.04E-09	25YrCancer	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

509	ALL	738180.96	4035300.87	3.03E-09	25YrCancer	3.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	738280.96	4035300.87	3.03E-09	25YrCancer	3.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	738380.96	4035300.87	3.02E-09	25YrCancer	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	738080.96	4035400.87	2.99E-09	25YrCancer	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	738180.96	4035400.87	2.99E-09	25YrCancer	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	738280.96	4035400.87	2.99E-09	25YrCancer	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	738380.96	4035400.87	2.98E-09	25YrCancer	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	738480.96	4035400.87	2.98E-09	25YrCancer	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	738080.96	4035500.87	2.95E-09	25YrCancer	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	738180.96	4035500.87	2.95E-09	25YrCancer	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	738280.96	4035500.87	2.95E-09	25YrCancer	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	738380.96	4035500.87	2.95E-09	25YrCancer	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	738480.96	4035500.87	2.95E-09	25YrCancer	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	738580.96	4035500.87	2.94E-09	25YrCancer	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	738080.96	4035600.87	2.92E-09	25YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	738180.96	4035600.87	2.92E-09	25YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	738280.96	4035600.87	2.92E-09	25YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	738380.96	4035600.87	2.92E-09	25YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	738480.96	4035600.87	2.92E-09	25YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	738580.96	4035600.87	2.92E-09	25YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	738080.96	4035700.87	2.88E-09	25YrCancer	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	738180.96	4035700.87	2.89E-09	25YrCancer	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	738280.96	4035700.87	2.89E-09	25YrCancer	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	738380.96	4035700.87	2.89E-09	25YrCancer	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	738480.96	4035700.87	2.89E-09	25YrCancer	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	738580.96	4035700.87	2.89E-09	25YrCancer	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	738080.96	4035800.87	2.85E-09	25YrCancer	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	738180.96	4035800.87	2.85E-09	25YrCancer	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	738280.96	4035800.87	2.85E-09	25YrCancer	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	738380.96	4035800.87	2.86E-09	25YrCancer	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	738480.96	4035800.87	2.86E-09	25YrCancer	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	738580.96	4035800.87	2.86E-09	25YrCancer	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	738180.96	4035900.87	2.81E-09	25YrCancer	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	738280.96	4035900.87	2.82E-09	25YrCancer	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	738380.96	4035900.87	2.82E-09	25YrCancer	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	738480.96	4035900.87	2.83E-09	25YrCancer	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	738580.96	4035900.87	2.83E-09	25YrCancer	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	738180.96	4036000.87	2.77E-09	25YrCancer	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	738280.96	4036000.87	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	738380.96	4036000.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	738480.96	4036000.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	738580.96	4036000.87	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	738080.96	4036100.87	2.72E-09	25YrCancer	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	738280.96	4036100.87	2.74E-09	25YrCancer	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	738380.96	4036100.87	2.75E-09	25YrCancer	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	738480.96	4036100.87	2.76E-09	25YrCancer	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	738580.96	4036100.87	2.76E-09	25YrCancer	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	738680.96	4036100.87	2.77E-09	25YrCancer	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	738780.96	4036100.87	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	738880.96	4036100.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	738980.96	4036100.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

560	ALL	739080.96	4036100.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	739180.96	4036100.87	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	739280.96	4036100.87	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	739380.96	4036100.87	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	739480.96	4036100.87	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	739580.96	4036100.87	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	739680.96	4036100.87	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	739780.96	4036100.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	739880.96	4036100.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	739980.96	4036100.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	740080.96	4036100.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	740180.96	4036100.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	740280.96	4036100.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	740380.96	4036100.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	740480.96	4036100.87	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	740580.96	4036100.87	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	740680.96	4036100.87	2.81E-09	25YrCancer	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	740780.96	4036100.87	2.82E-09	25YrCancer	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	740880.96	4036100.87	2.83E-09	25YrCancer	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	740980.96	4036100.87	2.83E-09	25YrCancer	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	741080.96	4036100.87	2.84E-09	25YrCancer	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	741180.96	4036100.87	2.85E-09	25YrCancer	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	741280.96	4036100.87	2.86E-09	25YrCancer	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	741380.96	4036100.87	2.88E-09	25YrCancer	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	741480.96	4036100.87	2.90E-09	25YrCancer	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	741580.96	4036100.87	2.92E-09	25YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	741680.96	4036100.87	2.95E-09	25YrCancer	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	741780.96	4036100.87	2.98E-09	25YrCancer	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	741880.96	4036100.87	3.00E-09	25YrCancer	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	741980.96	4036100.87	3.01E-09	25YrCancer	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	738080.96	4036200.87	2.68E-09	25YrCancer	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	738280.96	4036200.87	2.70E-09	25YrCancer	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	738380.96	4036200.87	2.71E-09	25YrCancer	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	738480.96	4036200.87	2.72E-09	25YrCancer	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL	738580.96	4036200.87	2.73E-09	25YrCancer	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL	738680.96	4036200.87	2.74E-09	25YrCancer	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL	738780.96	4036200.87	2.75E-09	25YrCancer	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL	738880.96	4036200.87	2.75E-09	25YrCancer	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL	738980.96	4036200.87	2.76E-09	25YrCancer	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL	739080.96	4036200.87	2.76E-09	25YrCancer	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL	739180.96	4036200.87	2.77E-09	25YrCancer	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL	739280.96	4036200.87	2.77E-09	25YrCancer	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	739380.96	4036200.87	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	739480.96	4036200.87	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	739580.96	4036200.87	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	739680.96	4036200.87	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL	739780.96	4036200.87	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	739880.96	4036200.87	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	739980.96	4036200.87	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	740080.96	4036200.87	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	740180.96	4036200.87	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

611	ALL	740280.96	4036200.87	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	740380.96	4036200.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL	740480.96	4036200.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL	740580.96	4036200.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL	740680.96	4036200.87	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	740780.96	4036200.87	2.81E-09	25YrCancer	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	740880.96	4036200.87	2.82E-09	25YrCancer	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	740980.96	4036200.87	2.83E-09	25YrCancer	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	741080.96	4036200.87	2.83E-09	25YrCancer	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	741180.96	4036200.87	2.84E-09	25YrCancer	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	741280.96	4036200.87	2.86E-09	25YrCancer	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL	741380.96	4036200.87	2.87E-09	25YrCancer	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL	741480.96	4036200.87	2.89E-09	25YrCancer	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	741580.96	4036200.87	2.92E-09	25YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL	741680.96	4036200.87	2.95E-09	25YrCancer	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	741780.96	4036200.87	2.97E-09	25YrCancer	2.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	741880.96	4036200.87	2.99E-09	25YrCancer	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL	741980.96	4036200.87	3.00E-09	25YrCancer	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL	742080.96	4036200.87	3.04E-09	25YrCancer	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL	738080.96	4036300.87	2.64E-09	25YrCancer	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL	738180.96	4036300.87	2.65E-09	25YrCancer	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL	738380.96	4036300.87	2.67E-09	25YrCancer	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL	738480.96	4036300.87	2.68E-09	25YrCancer	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	738580.96	4036300.87	2.69E-09	25YrCancer	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL	738680.96	4036300.87	2.70E-09	25YrCancer	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	738780.96	4036300.87	2.71E-09	25YrCancer	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL	738880.96	4036300.87	2.72E-09	25YrCancer	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	738980.96	4036300.87	2.73E-09	25YrCancer	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	739080.96	4036300.87	2.74E-09	25YrCancer	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	739180.96	4036300.87	2.74E-09	25YrCancer	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	739280.96	4036300.87	2.75E-09	25YrCancer	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	739380.96	4036300.87	2.75E-09	25YrCancer	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	739480.96	4036300.87	2.75E-09	25YrCancer	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL	739580.96	4036300.87	2.76E-09	25YrCancer	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL	739680.96	4036300.87	2.76E-09	25YrCancer	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	739780.96	4036300.87	2.76E-09	25YrCancer	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	739880.96	4036300.87	2.76E-09	25YrCancer	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	739980.96	4036300.87	2.77E-09	25YrCancer	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	740080.96	4036300.87	2.77E-09	25YrCancer	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL	740180.96	4036300.87	2.77E-09	25YrCancer	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	740280.96	4036300.87	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL	740380.96	4036300.87	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL	740480.96	4036300.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL	740580.96	4036300.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL	740680.96	4036300.87	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL	740780.96	4036300.87	2.81E-09	25YrCancer	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL	740880.96	4036300.87	2.81E-09	25YrCancer	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL	740980.96	4036300.87	2.82E-09	25YrCancer	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL	741080.96	4036300.87	2.84E-09	25YrCancer	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	741180.96	4036300.87	2.85E-09	25YrCancer	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL	741280.96	4036300.87	2.86E-09	25YrCancer	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

662	ALL	741380.96	4036300.87	2.88E-09	25YrCancer	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	741480.96	4036300.87	2.90E-09	25YrCancer	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	741580.96	4036300.87	2.92E-09	25YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	741680.96	4036300.87	2.95E-09	25YrCancer	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	741780.96	4036300.87	2.97E-09	25YrCancer	2.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	741880.96	4036300.87	2.99E-09	25YrCancer	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	741980.96	4036300.87	3.00E-09	25YrCancer	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	742080.96	4036300.87	3.03E-09	25YrCancer	3.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	742180.96	4036300.87	3.07E-09	25YrCancer	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL	742280.96	4036300.87	3.11E-09	25YrCancer	3.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL	742380.96	4036300.87	3.15E-09	25YrCancer	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL	742480.96	4036300.87	3.20E-09	25YrCancer	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL	742580.96	4036300.87	3.24E-09	25YrCancer	3.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL	742680.96	4036300.87	3.29E-09	25YrCancer	3.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL	742780.96	4036300.87	3.34E-09	25YrCancer	3.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL	742880.96	4036300.87	3.40E-09	25YrCancer	3.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL	742980.96	4036300.87	3.45E-09	25YrCancer	3.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL	743080.96	4036300.87	3.51E-09	25YrCancer	3.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL	743180.96	4036300.87	3.57E-09	25YrCancer	3.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL	743280.96	4036300.87	3.64E-09	25YrCancer	3.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL	743380.96	4036300.87	3.70E-09	25YrCancer	3.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL	743480.96	4036300.87	3.77E-09	25YrCancer	3.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL	743580.96	4036300.87	3.84E-09	25YrCancer	3.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL	743680.96	4036300.87	3.91E-09	25YrCancer	3.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL	743780.96	4036300.87	3.98E-09	25YrCancer	3.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL	743880.96	4036300.87	4.05E-09	25YrCancer	4.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL	743980.96	4036300.87	4.13E-09	25YrCancer	4.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL	744080.96	4036300.87	4.21E-09	25YrCancer	4.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL	744180.96	4036300.87	4.29E-09	25YrCancer	4.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL	744280.96	4036300.87	4.38E-09	25YrCancer	4.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL	744380.96	4036300.87	4.47E-09	25YrCancer	4.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL	744480.96	4036300.87	4.57E-09	25YrCancer	4.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL	738080.96	4036400.87	2.60E-09	25YrCancer	2.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL	738180.96	4036400.87	2.61E-09	25YrCancer	2.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL	738280.96	4036400.87	2.62E-09	25YrCancer	2.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL	738480.96	4036400.87	2.64E-09	25YrCancer	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL	738580.96	4036400.87	2.65E-09	25YrCancer	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL	738680.96	4036400.87	2.66E-09	25YrCancer	2.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL	739380.96	4036400.87	2.73E-09	25YrCancer	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL	739480.96	4036400.87	2.73E-09	25YrCancer	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL	739580.96	4036400.87	2.73E-09	25YrCancer	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL	739680.96	4036400.87	2.74E-09	25YrCancer	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL	739780.96	4036400.87	2.74E-09	25YrCancer	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL	739880.96	4036400.87	2.75E-09	25YrCancer	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL	739980.96	4036400.87	2.75E-09	25YrCancer	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL	740080.96	4036400.87	2.76E-09	25YrCancer	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL	740180.96	4036400.87	2.77E-09	25YrCancer	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL	740280.96	4036400.87	2.77E-09	25YrCancer	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL	740380.96	4036400.87	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL	740480.96	4036400.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL	740580.96	4036400.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

713	ALL		740680.96	4036400.87	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL		740780.96	4036400.87	2.81E-09	25YrCancer	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL		740880.96	4036400.87	2.83E-09	25YrCancer	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL		740980.96	4036400.87	2.83E-09	25YrCancer	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL		741080.96	4036400.87	2.84E-09	25YrCancer	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL		741180.96	4036400.87	2.85E-09	25YrCancer	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	ALL		741280.96	4036400.87	2.87E-09	25YrCancer	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL		741380.96	4036400.87	2.89E-09	25YrCancer	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	SENS	741480.96	4036400.87	2.91E-09	25YrCancer	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL		741580.96	4036400.87	2.93E-09	25YrCancer	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL		741680.96	4036400.87	2.96E-09	25YrCancer	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL		741780.96	4036400.87	2.98E-09	25YrCancer	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL		741880.96	4036400.87	2.99E-09	25YrCancer	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL		741980.96	4036400.87	3.01E-09	25YrCancer	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL		742080.96	4036400.87	3.04E-09	25YrCancer	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	ALL		742180.96	4036400.87	3.08E-09	25YrCancer	3.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL		742280.96	4036400.87	3.12E-09	25YrCancer	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL		742380.96	4036400.87	3.16E-09	25YrCancer	3.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL		742480.96	4036400.87	3.20E-09	25YrCancer	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL		742580.96	4036400.87	3.25E-09	25YrCancer	3.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL		742680.96	4036400.87	3.30E-09	25YrCancer	3.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL		742780.96	4036400.87	3.35E-09	25YrCancer	3.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL		742880.96	4036400.87	3.41E-09	25YrCancer	3.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL		742980.96	4036400.87	3.47E-09	25YrCancer	3.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL		743080.96	4036400.87	3.53E-09	25YrCancer	3.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL		743180.96	4036400.87	3.60E-09	25YrCancer	3.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL		743280.96	4036400.87	3.66E-09	25YrCancer	3.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL		743380.96	4036400.87	3.73E-09	25YrCancer	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL		743480.96	4036400.87	3.81E-09	25YrCancer	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL		743580.96	4036400.87	3.88E-09	25YrCancer	3.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL		743680.96	4036400.87	3.95E-09	25YrCancer	3.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL		743780.96	4036400.87	4.03E-09	25YrCancer	4.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL		743880.96	4036400.87	4.11E-09	25YrCancer	4.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL		743980.96	4036400.87	4.20E-09	25YrCancer	4.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL		744080.96	4036400.87	4.28E-09	25YrCancer	4.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL		744180.96	4036400.87	4.37E-09	25YrCancer	4.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL		744280.96	4036400.87	4.46E-09	25YrCancer	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL		744380.96	4036400.87	4.56E-09	25YrCancer	4.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL		744480.96	4036400.87	4.67E-09	25YrCancer	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL		744580.96	4036400.87	4.78E-09	25YrCancer	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL		744680.96	4036400.87	4.90E-09	25YrCancer	4.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL		744780.96	4036400.87	5.03E-09	25YrCancer	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL		744880.96	4036400.87	5.17E-09	25YrCancer	5.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL		744980.96	4036400.87	5.33E-09	25YrCancer	5.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL		745080.96	4036400.87	5.50E-09	25YrCancer	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL		745180.96	4036400.87	5.69E-09	25YrCancer	5.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL		745280.96	4036400.87	5.90E-09	25YrCancer	5.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL		745380.96	4036400.87	6.14E-09	25YrCancer	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL		745480.96	4036400.87	6.41E-09	25YrCancer	6.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL		745580.96	4036400.87	6.73E-09	25YrCancer	6.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL		745680.96	4036400.87	7.11E-09	25YrCancer	7.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

764	ALL	745780.96	4036400.87	7.58E-09	25YrCancer	7.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL	745880.96	4036400.87	8.20E-09	25YrCancer	8.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	ALL	738080.96	4036500.87	2.56E-09	25YrCancer	2.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	ALL	738180.96	4036500.87	2.57E-09	25YrCancer	2.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL	738280.96	4036500.87	2.58E-09	25YrCancer	2.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL	738480.96	4036500.87	2.61E-09	25YrCancer	2.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL	738780.96	4036500.87	2.64E-09	25YrCancer	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL	738880.96	4036500.87	2.66E-09	25YrCancer	2.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL	738980.96	4036500.87	2.67E-09	25YrCancer	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL	739080.96	4036500.87	2.68E-09	25YrCancer	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL	739180.96	4036500.87	2.69E-09	25YrCancer	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL	739280.96	4036500.87	2.69E-09	25YrCancer	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL	739380.96	4036500.87	2.70E-09	25YrCancer	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL	739480.96	4036500.87	2.71E-09	25YrCancer	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL	742280.96	4036500.87	3.13E-09	25YrCancer	3.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL	742380.96	4036500.87	3.17E-09	25YrCancer	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL	742480.96	4036500.87	3.21E-09	25YrCancer	3.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL	742580.96	4036500.87	3.26E-09	25YrCancer	3.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL	742680.96	4036500.87	3.31E-09	25YrCancer	3.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	ALL	742780.96	4036500.87	3.36E-09	25YrCancer	3.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL	742880.96	4036500.87	3.42E-09	25YrCancer	3.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL	742980.96	4036500.87	3.48E-09	25YrCancer	3.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	ALL	743080.96	4036500.87	3.55E-09	25YrCancer	3.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL	743180.96	4036500.87	3.61E-09	25YrCancer	3.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL	743280.96	4036500.87	3.68E-09	25YrCancer	3.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL	743380.96	4036500.87	3.76E-09	25YrCancer	3.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL	743480.96	4036500.87	3.83E-09	25YrCancer	3.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	ALL	743580.96	4036500.87	3.91E-09	25YrCancer	3.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL	743680.96	4036500.87	3.99E-09	25YrCancer	3.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL	743780.96	4036500.87	4.07E-09	25YrCancer	4.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL	743880.96	4036500.87	4.15E-09	25YrCancer	4.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL	743980.96	4036500.87	4.24E-09	25YrCancer	4.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL	744080.96	4036500.87	4.33E-09	25YrCancer	4.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL	744180.96	4036500.87	4.43E-09	25YrCancer	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL	744280.96	4036500.87	4.52E-09	25YrCancer	4.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL	744380.96	4036500.87	4.62E-09	25YrCancer	4.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL	744480.96	4036500.87	4.73E-09	25YrCancer	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL	744580.96	4036500.87	4.85E-09	25YrCancer	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL	744680.96	4036500.87	4.97E-09	25YrCancer	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL	744780.96	4036500.87	5.11E-09	25YrCancer	5.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL	744880.96	4036500.87	5.27E-09	25YrCancer	5.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL	744980.96	4036500.87	5.44E-09	25YrCancer	5.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL	745080.96	4036500.87	5.63E-09	25YrCancer	5.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL	745180.96	4036500.87	5.85E-09	25YrCancer	5.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	ALL	745280.96	4036500.87	6.09E-09	25YrCancer	6.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	ALL	745380.96	4036500.87	6.38E-09	25YrCancer	6.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL	745480.96	4036500.87	6.72E-09	25YrCancer	6.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	ALL	745580.96	4036500.87	7.12E-09	25YrCancer	7.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL	745680.96	4036500.87	7.61E-09	25YrCancer	7.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL	745780.96	4036500.87	8.23E-09	25YrCancer	8.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL	745880.96	4036500.87	9.08E-09	25YrCancer	9.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

815	ALL	738080.96	4036600.87	2.53E-09	25YrCancer	2.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL	738180.96	4036600.87	2.54E-09	25YrCancer	2.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL	738280.96	4036600.87	2.55E-09	25YrCancer	2.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL	738380.96	4036600.87	2.56E-09	25YrCancer	2.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	ALL	738580.96	4036600.87	2.58E-09	25YrCancer	2.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL	738680.96	4036600.87	2.60E-09	25YrCancer	2.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL	738780.96	4036600.87	2.61E-09	25YrCancer	2.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL	738880.96	4036600.87	2.63E-09	25YrCancer	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL	738980.96	4036600.87	2.64E-09	25YrCancer	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL	739080.96	4036600.87	2.65E-09	25YrCancer	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL	739180.96	4036600.87	2.66E-09	25YrCancer	2.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL	739280.96	4036600.87	2.67E-09	25YrCancer	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL	739380.96	4036600.87	2.68E-09	25YrCancer	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL	739480.96	4036600.87	2.69E-09	25YrCancer	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL	739580.96	4036600.87	2.70E-09	25YrCancer	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL	739680.96	4036600.87	2.71E-09	25YrCancer	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL	739780.96	4036600.87	2.72E-09	25YrCancer	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL	739880.96	4036600.87	2.73E-09	25YrCancer	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL	739980.96	4036600.87	2.74E-09	25YrCancer	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL	740080.96	4036600.87	2.75E-09	25YrCancer	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL	740180.96	4036600.87	2.76E-09	25YrCancer	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL	740280.96	4036600.87	2.76E-09	25YrCancer	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL	740380.96	4036600.87	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL	740480.96	4036600.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL	740580.96	4036600.87	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL	740680.96	4036600.87	2.81E-09	25YrCancer	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL	740780.96	4036600.87	2.82E-09	25YrCancer	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL	740880.96	4036600.87	2.84E-09	25YrCancer	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL	740980.96	4036600.87	2.85E-09	25YrCancer	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL	741080.96	4036600.87	2.87E-09	25YrCancer	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL	741180.96	4036600.87	2.89E-09	25YrCancer	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL	741280.96	4036600.87	2.90E-09	25YrCancer	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL	741380.96	4036600.87	2.92E-09	25YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL	741480.96	4036600.87	2.94E-09	25YrCancer	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL	741580.96	4036600.87	2.96E-09	25YrCancer	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL	741680.96	4036600.87	2.98E-09	25YrCancer	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL	741780.96	4036600.87	3.00E-09	25YrCancer	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL	741880.96	4036600.87	3.02E-09	25YrCancer	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL	741980.96	4036600.87	3.04E-09	25YrCancer	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL	742080.96	4036600.87	3.07E-09	25YrCancer	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL	742180.96	4036600.87	3.10E-09	25YrCancer	3.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	ALL	742280.96	4036600.87	3.14E-09	25YrCancer	3.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL	745380.96	4036600.87	6.72E-09	25YrCancer	6.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL	745480.96	4036600.87	7.14E-09	25YrCancer	7.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL	745580.96	4036600.87	7.65E-09	25YrCancer	7.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL	745680.96	4036600.87	8.27E-09	25YrCancer	8.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL	745780.96	4036600.87	9.05E-09	25YrCancer	9.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL	745880.96	4036600.87	1.01E-08	25YrCancer	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	ALL	745980.96	4036600.87	1.14E-08	25YrCancer	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL	738080.96	4036700.87	2.51E-09	25YrCancer	2.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL	738180.96	4036700.87	2.52E-09	25YrCancer	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

866	ALL	738280.96	4036700.87	2.53E-09	25YrCancer	2.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL	738380.96	4036700.87	2.54E-09	25YrCancer	2.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL	738480.96	4036700.87	2.55E-09	25YrCancer	2.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL	738580.96	4036700.87	2.56E-09	25YrCancer	2.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	ALL	738680.96	4036700.87	2.57E-09	25YrCancer	2.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	ALL	738780.96	4036700.87	2.59E-09	25YrCancer	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL	738880.96	4036700.87	2.60E-09	25YrCancer	2.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	ALL	738980.96	4036700.87	2.61E-09	25YrCancer	2.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL	739080.96	4036700.87	2.62E-09	25YrCancer	2.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	ALL	739180.96	4036700.87	2.64E-09	25YrCancer	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	ALL	739280.96	4036700.87	2.65E-09	25YrCancer	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	ALL	739380.96	4036700.87	2.66E-09	25YrCancer	2.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	ALL	739480.96	4036700.87	2.67E-09	25YrCancer	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	ALL	739580.96	4036700.87	2.68E-09	25YrCancer	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	ALL	739680.96	4036700.87	2.69E-09	25YrCancer	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL	739780.96	4036700.87	2.70E-09	25YrCancer	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	ALL	739880.96	4036700.87	2.72E-09	25YrCancer	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	ALL	739980.96	4036700.87	2.73E-09	25YrCancer	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	ALL	740080.96	4036700.87	2.75E-09	25YrCancer	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	ALL	740180.96	4036700.87	2.75E-09	25YrCancer	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	ALL	740280.96	4036700.87	2.76E-09	25YrCancer	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	ALL	740380.96	4036700.87	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	ALL	740480.96	4036700.87	2.79E-09	25YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	ALL	740580.96	4036700.87	2.81E-09	25YrCancer	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	ALL	740680.96	4036700.87	2.82E-09	25YrCancer	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	ALL	740780.96	4036700.87	2.84E-09	25YrCancer	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	ALL	740880.96	4036700.87	2.85E-09	25YrCancer	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	ALL	740980.96	4036700.87	2.87E-09	25YrCancer	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	ALL	741080.96	4036700.87	2.89E-09	25YrCancer	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	ALL	741180.96	4036700.87	2.91E-09	25YrCancer	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	ALL	741280.96	4036700.87	2.92E-09	25YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	ALL	741380.96	4036700.87	2.94E-09	25YrCancer	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	ALL	741480.96	4036700.87	2.96E-09	25YrCancer	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	ALL	741580.96	4036700.87	2.98E-09	25YrCancer	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	ALL	741680.96	4036700.87	3.00E-09	25YrCancer	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901	ALL	741780.96	4036700.87	3.03E-09	25YrCancer	3.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	ALL	741880.96	4036700.87	3.04E-09	25YrCancer	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	ALL	741980.96	4036700.87	3.06E-09	25YrCancer	3.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	ALL	742080.96	4036700.87	3.09E-09	25YrCancer	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	ALL	742180.96	4036700.87	3.12E-09	25YrCancer	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	ALL	742280.96	4036700.87	3.15E-09	25YrCancer	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	ALL	742380.96	4036700.87	3.19E-09	25YrCancer	3.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	ALL	742480.96	4036700.87	3.23E-09	25YrCancer	3.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909	ALL	742580.96	4036700.87	3.27E-09	25YrCancer	3.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
910	ALL	742680.96	4036700.87	3.32E-09	25YrCancer	3.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911	ALL	742780.96	4036700.87	3.37E-09	25YrCancer	3.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	ALL	742880.96	4036700.87	3.43E-09	25YrCancer	3.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	ALL	742980.96	4036700.87	3.48E-09	25YrCancer	3.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	ALL	743080.96	4036700.87	3.55E-09	25YrCancer	3.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	ALL	743180.96	4036700.87	3.61E-09	25YrCancer	3.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916	ALL	743280.96	4036700.87	3.68E-09	25YrCancer	3.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

917	ALL	743380.96	4036700.87	3.76E-09	25YrCancer	3.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	ALL	743480.96	4036700.87	3.84E-09	25YrCancer	3.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	ALL	743580.96	4036700.87	3.92E-09	25YrCancer	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	ALL	743680.96	4036700.87	4.00E-09	25YrCancer	4.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	ALL	743780.96	4036700.87	4.09E-09	25YrCancer	4.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	ALL	743880.96	4036700.87	4.19E-09	25YrCancer	4.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923	ALL	743980.96	4036700.87	4.28E-09	25YrCancer	4.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	ALL	744080.96	4036700.87	4.38E-09	25YrCancer	4.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	ALL	744180.96	4036700.87	4.49E-09	25YrCancer	4.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	ALL	744280.96	4036700.87	4.60E-09	25YrCancer	4.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	ALL	744380.96	4036700.87	4.73E-09	25YrCancer	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	ALL	744480.96	4036700.87	4.86E-09	25YrCancer	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	ALL	744580.96	4036700.87	5.01E-09	25YrCancer	5.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	ALL	744680.96	4036700.87	5.17E-09	25YrCancer	5.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	ALL	744780.96	4036700.87	5.35E-09	25YrCancer	5.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	ALL	744880.96	4036700.87	5.55E-09	25YrCancer	5.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	ALL	744980.96	4036700.87	5.78E-09	25YrCancer	5.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	ALL	745080.96	4036700.87	6.05E-09	25YrCancer	6.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	ALL	745180.96	4036700.87	6.36E-09	25YrCancer	6.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	ALL	738080.96	4036800.87	2.49E-09	25YrCancer	2.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	ALL	738180.96	4036800.87	2.50E-09	25YrCancer	2.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	ALL	738280.96	4036800.87	2.51E-09	25YrCancer	2.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	ALL	738380.96	4036800.87	2.52E-09	25YrCancer	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	ALL	738480.96	4036800.87	2.53E-09	25YrCancer	2.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	ALL	738580.96	4036800.87	2.54E-09	25YrCancer	2.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942	ALL	738680.96	4036800.87	2.55E-09	25YrCancer	2.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	ALL	738780.96	4036800.87	2.56E-09	25YrCancer	2.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944	ALL	738880.96	4036800.87	2.58E-09	25YrCancer	2.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945	ALL	738980.96	4036800.87	2.59E-09	25YrCancer	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946	ALL	739080.96	4036800.87	2.60E-09	25YrCancer	2.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	ALL	739180.96	4036800.87	2.61E-09	25YrCancer	2.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	ALL	739280.96	4036800.87	2.62E-09	25YrCancer	2.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	ALL	739380.96	4036800.87	2.63E-09	25YrCancer	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	ALL	739480.96	4036800.87	2.65E-09	25YrCancer	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951	ALL	739580.96	4036800.87	2.66E-09	25YrCancer	2.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	ALL	739680.96	4036800.87	2.68E-09	25YrCancer	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	ALL	739780.96	4036800.87	2.69E-09	25YrCancer	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	ALL	739880.96	4036800.87	2.71E-09	25YrCancer	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955	ALL	739980.96	4036800.87	2.72E-09	25YrCancer	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	ALL	740080.96	4036800.87	2.74E-09	25YrCancer	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	ALL	740180.96	4036800.87	2.75E-09	25YrCancer	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958	ALL	740280.96	4036800.87	2.76E-09	25YrCancer	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959	ALL	740380.96	4036800.87	2.78E-09	25YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	ALL	740480.96	4036800.87	2.80E-09	25YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	ALL	740580.96	4036800.87	2.81E-09	25YrCancer	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	ALL	740680.96	4036800.87	2.83E-09	25YrCancer	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	ALL	740780.96	4036800.87	2.85E-09	25YrCancer	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	ALL	740880.96	4036800.87	2.86E-09	25YrCancer	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	ALL	740980.96	4036800.87	2.88E-09	25YrCancer	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	ALL	741080.96	4036800.87	2.90E-09	25YrCancer	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	ALL	741180.96	4036800.87	2.92E-09	25YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

968	ALL	741280.96	4036800.87	2.94E-09	25YrCancer	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	ALL	741380.96	4036800.87	2.96E-09	25YrCancer	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	ALL	741480.96	4036800.87	2.98E-09	25YrCancer	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	ALL	741580.96	4036800.87	3.00E-09	25YrCancer	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	ALL	741680.96	4036800.87	3.02E-09	25YrCancer	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	ALL	741780.96	4036800.87	3.04E-09	25YrCancer	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	ALL	741880.96	4036800.87	3.06E-09	25YrCancer	3.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	ALL	741980.96	4036800.87	3.07E-09	25YrCancer	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	ALL	742080.96	4036800.87	3.10E-09	25YrCancer	3.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	ALL	742180.96	4036800.87	3.13E-09	25YrCancer	3.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	ALL	742280.96	4036800.87	3.16E-09	25YrCancer	3.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	ALL	742380.96	4036800.87	3.19E-09	25YrCancer	3.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	ALL	742480.96	4036800.87	3.23E-09	25YrCancer	3.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	ALL	742580.96	4036800.87	3.27E-09	25YrCancer	3.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	ALL	742680.96	4036800.87	3.32E-09	25YrCancer	3.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	ALL	742780.96	4036800.87	3.37E-09	25YrCancer	3.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	ALL	742880.96	4036800.87	3.42E-09	25YrCancer	3.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	ALL	742980.96	4036800.87	3.47E-09	25YrCancer	3.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	ALL	743080.96	4036800.87	3.53E-09	25YrCancer	3.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	ALL	743180.96	4036800.87	3.60E-09	25YrCancer	3.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	ALL	743280.96	4036800.87	3.67E-09	25YrCancer	3.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	ALL	743380.96	4036800.87	3.74E-09	25YrCancer	3.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	ALL	743480.96	4036800.87	3.83E-09	25YrCancer	3.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991	ALL	743580.96	4036800.87	3.91E-09	25YrCancer	3.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	ALL	743680.96	4036800.87	4.00E-09	25YrCancer	4.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	ALL	743780.96	4036800.87	4.10E-09	25YrCancer	4.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	ALL	743880.96	4036800.87	4.20E-09	25YrCancer	4.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	ALL	743980.96	4036800.87	4.31E-09	25YrCancer	4.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	ALL	744080.96	4036800.87	4.42E-09	25YrCancer	4.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	ALL	744180.96	4036800.87	4.54E-09	25YrCancer	4.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	ALL	744280.96	4036800.87	4.67E-09	25YrCancer	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	ALL	744380.96	4036800.87	4.82E-09	25YrCancer	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	ALL	744480.96	4036800.87	4.97E-09	25YrCancer	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1001	ALL	744580.96	4036800.87	5.14E-09	25YrCancer	5.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	ALL	744680.96	4036800.87	5.33E-09	25YrCancer	5.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	ALL	744780.96	4036800.87	5.53E-09	25YrCancer	5.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	ALL	744880.96	4036800.87	5.77E-09	25YrCancer	5.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	ALL	744980.96	4036800.87	6.03E-09	25YrCancer	6.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	ALL	745080.96	4036800.87	6.34E-09	25YrCancer	6.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1007	ALL	745180.96	4036800.87	6.70E-09	25YrCancer	6.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008	ALL	745280.96	4036800.87	7.11E-09	25YrCancer	7.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	ALL	745380.96	4036800.87	7.60E-09	25YrCancer	7.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010	ALL	745480.96	4036800.87	8.19E-09	25YrCancer	8.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011	ALL	745580.96	4036800.87	8.89E-09	25YrCancer	8.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	ALL	745680.96	4036800.87	9.72E-09	25YrCancer	9.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	ALL	745780.96	4036800.87	1.07E-08	25YrCancer	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	ALL	745880.96	4036800.87	1.18E-08	25YrCancer	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	ALL	741480.96	4036900.87	2.99E-09	25YrCancer	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	ALL	741580.96	4036900.87	3.01E-09	25YrCancer	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	ALL	741680.96	4036900.87	3.03E-09	25YrCancer	3.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	ALL	741780.96	4036900.87	3.05E-09	25YrCancer	3.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1019	ALL	741880.96	4036900.87	3.07E-09	25YrCancer	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	ALL	741980.96	4036900.87	3.08E-09	25YrCancer	3.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	ALL	742080.96	4036900.87	3.11E-09	25YrCancer	3.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	ALL	742180.96	4036900.87	3.14E-09	25YrCancer	3.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	ALL	742280.96	4036900.87	3.17E-09	25YrCancer	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	ALL	742380.96	4036900.87	3.20E-09	25YrCancer	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025	ALL	742480.96	4036900.87	3.23E-09	25YrCancer	3.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026	ALL	742580.96	4036900.87	3.27E-09	25YrCancer	3.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	ALL	742680.96	4036900.87	3.31E-09	25YrCancer	3.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	ALL	742780.96	4036900.87	3.36E-09	25YrCancer	3.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	ALL	742880.96	4036900.87	3.41E-09	25YrCancer	3.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	ALL	742980.96	4036900.87	3.47E-09	25YrCancer	3.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	ALL	743080.96	4036900.87	3.53E-09	25YrCancer	3.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	ALL	743180.96	4036900.87	3.59E-09	25YrCancer	3.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	ALL	743280.96	4036900.87	3.66E-09	25YrCancer	3.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	ALL	743380.96	4036900.87	3.74E-09	25YrCancer	3.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	ALL	743480.96	4036900.87	3.83E-09	25YrCancer	3.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1036	ALL	743580.96	4036900.87	3.92E-09	25YrCancer	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037	ALL	743680.96	4036900.87	4.01E-09	25YrCancer	4.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	ALL	743780.96	4036900.87	4.12E-09	25YrCancer	4.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	ALL	743880.96	4036900.87	4.23E-09	25YrCancer	4.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	ALL	743980.96	4036900.87	4.35E-09	25YrCancer	4.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	ALL	744080.96	4036900.87	4.48E-09	25YrCancer	4.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042	ALL	744180.96	4036900.87	4.62E-09	25YrCancer	4.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	ALL	744280.96	4036900.87	4.77E-09	25YrCancer	4.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	ALL	744380.96	4036900.87	4.93E-09	25YrCancer	4.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	ALL	744480.96	4036900.87	5.10E-09	25YrCancer	5.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	ALL	744580.96	4036900.87	5.29E-09	25YrCancer	5.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	ALL	744680.96	4036900.87	5.51E-09	25YrCancer	5.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	ALL	744780.96	4036900.87	5.74E-09	25YrCancer	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	ALL	744880.96	4036900.87	6.00E-09	25YrCancer	6.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	ALL	744980.96	4036900.87	6.30E-09	25YrCancer	6.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	ALL	745080.96	4036900.87	6.66E-09	25YrCancer	6.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	ALL	745180.96	4036900.87	7.07E-09	25YrCancer	7.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	ALL	745280.96	4036900.87	7.54E-09	25YrCancer	7.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	ALL	745380.96	4036900.87	8.08E-09	25YrCancer	8.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055	ALL	745480.96	4036900.87	8.72E-09	25YrCancer	8.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	ALL	745580.96	4036900.87	9.44E-09	25YrCancer	9.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	ALL	745680.96	4036900.87	1.03E-08	25YrCancer	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	ALL	745780.96	4036900.87	1.12E-08	25YrCancer	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	ALL	745880.96	4036900.87	1.23E-08	25YrCancer	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	ALL	747188.42	4034760.7	1.08E-08	25YrCancer	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	ALL	747288.42	4034760.7	1.32E-08	25YrCancer	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	ALL	747388.42	4034760.7	1.59E-08	25YrCancer	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	ALL	747488.42	4034760.7	1.85E-08	25YrCancer	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	ALL	747588.42	4034760.7	2.10E-08	25YrCancer	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	ALL	747688.42	4034760.7	2.34E-08	25YrCancer	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	ALL	747788.42	4034760.7	2.55E-08	25YrCancer	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	ALL	747888.42	4034760.7	2.73E-08	25YrCancer	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	ALL	747988.42	4034760.7	2.86E-08	25YrCancer	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	ALL	748088.42	4034760.7	2.99E-08	25YrCancer	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1070	ALL		748188.42	4034760.7	3.08E-08	25YrCancer	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	ALL		748288.42	4034760.7	3.15E-08	25YrCancer	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	ALL		748388.42	4034760.7	3.16E-08	25YrCancer	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	ALL		748488.42	4034760.7	3.16E-08	25YrCancer	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	ALL		748588.42	4034760.7	3.12E-08	25YrCancer	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	ALL		748688.42	4034760.7	3.05E-08	25YrCancer	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	ALL		748788.42	4034760.7	2.96E-08	25YrCancer	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	ALL		748888.42	4034760.7	2.85E-08	25YrCancer	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	ALL		747188.42	4034860.7	1.20E-08	25YrCancer	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	ALL		747288.42	4034860.7	1.49E-08	25YrCancer	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	ALL		747388.42	4034860.7	1.81E-08	25YrCancer	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1081	ALL		747488.42	4034860.7	2.13E-08	25YrCancer	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	ALL		747588.42	4034860.7	2.43E-08	25YrCancer	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	ALL		747688.42	4034860.7	2.71E-08	25YrCancer	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	ALL		747788.42	4034860.7	2.95E-08	25YrCancer	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	ALL		747888.42	4034860.7	3.15E-08	25YrCancer	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	ALL		747988.42	4034860.7	3.30E-08	25YrCancer	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	ALL		748088.42	4034860.7	3.42E-08	25YrCancer	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	ALL		748188.42	4034860.7	3.50E-08	25YrCancer	3.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	ALL		748288.42	4034860.7	3.54E-08	25YrCancer	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	ALL		748388.42	4034860.7	3.52E-08	25YrCancer	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	ALL		748488.42	4034860.7	3.46E-08	25YrCancer	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1092	ALL		748588.42	4034860.7	3.37E-08	25YrCancer	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	ALL		748688.42	4034860.7	3.25E-08	25YrCancer	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	ALL		748788.42	4034860.7	3.11E-08	25YrCancer	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	ALL		748888.42	4034860.7	2.96E-08	25YrCancer	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	ALL	SENS	747188.42	4034960.7	1.34E-08	25YrCancer	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	ALL	SENS	747288.42	4034960.7	1.71E-08	25YrCancer	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	ALL	SENS	747388.42	4034960.7	2.10E-08	25YrCancer	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	ALL	SENS	747488.42	4034960.7	2.49E-08	25YrCancer	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	ALL	SENS	747588.42	4034960.7	2.86E-08	25YrCancer	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	ALL	SENS	747688.42	4034960.7	3.18E-08	25YrCancer	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	ALL	SENS	747788.42	4034960.7	3.46E-08	25YrCancer	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103	ALL	SENS	747888.42	4034960.7	3.68E-08	25YrCancer	3.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	ALL	SENS	747988.42	4034960.7	3.83E-08	25YrCancer	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	ALL	SENS	748088.42	4034960.7	3.94E-08	25YrCancer	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	ALL	SENS	748188.42	4034960.7	3.98E-08	25YrCancer	3.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	ALL	SENS	748288.42	4034960.7	3.96E-08	25YrCancer	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	ALL	SENS	748388.42	4034960.7	3.88E-08	25YrCancer	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	ALL	SENS	748488.42	4034960.7	3.75E-08	25YrCancer	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	ALL	SENS	748588.42	4034960.7	3.59E-08	25YrCancer	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111	ALL	SENS	748688.42	4034960.7	3.41E-08	25YrCancer	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	ALL	SENS	748788.42	4034960.7	3.22E-08	25YrCancer	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	ALL	SENS	748888.42	4034960.7	3.02E-08	25YrCancer	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114	ALL	SENS	747188.42	4035060.7	1.52E-08	25YrCancer	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	ALL	SENS	747288.42	4035060.7	1.98E-08	25YrCancer	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116	ALL	SENS	747388.42	4035060.7	2.48E-08	25YrCancer	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117	ALL	SENS	747488.42	4035060.7	2.97E-08	25YrCancer	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	ALL	SENS	747588.42	4035060.7	3.42E-08	25YrCancer	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119	ALL	SENS	747688.42	4035060.7	3.80E-08	25YrCancer	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	ALL	SENS	747788.42	4035060.7	4.11E-08	25YrCancer	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1121	ALL	SENS	747888.42	4035060.7	4.35E-08	25YrCancer	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	ALL	SENS	747988.42	4035060.7	4.47E-08	25YrCancer	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	ALL	SENS	748088.42	4035060.7	4.54E-08	25YrCancer	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	ALL	SENS	748188.42	4035060.7	4.51E-08	25YrCancer	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	ALL	SENS	748288.42	4035060.7	4.40E-08	25YrCancer	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1126	ALL	SENS	748388.42	4035060.7	4.22E-08	25YrCancer	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	ALL	SENS	748488.42	4035060.7	4.00E-08	25YrCancer	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	ALL	SENS	748588.42	4035060.7	3.76E-08	25YrCancer	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	ALL	SENS	748688.42	4035060.7	3.51E-08	25YrCancer	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	ALL	SENS	748788.42	4035060.7	3.27E-08	25YrCancer	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	ALL	SENS	748888.42	4035060.7	3.03E-08	25YrCancer	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132	ALL	SENS	747188.42	4035160.7	1.76E-08	25YrCancer	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	ALL	SENS	747288.42	4035160.7	2.37E-08	25YrCancer	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	ALL	SENS	747388.42	4035160.7	3.01E-08	25YrCancer	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	ALL	SENS	747488.42	4035160.7	3.63E-08	25YrCancer	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	ALL	SENS	748388.42	4035160.7	4.52E-08	25YrCancer	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	ALL	SENS	748488.42	4035160.7	4.19E-08	25YrCancer	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	ALL	SENS	748588.42	4035160.7	3.87E-08	25YrCancer	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	ALL	SENS	748688.42	4035160.7	3.55E-08	25YrCancer	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	ALL	SENS	748788.42	4035160.7	3.26E-08	25YrCancer	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141	ALL	SENS	748888.42	4035160.7	3.00E-08	25YrCancer	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	ALL	SENS	747188.42	4035260.7	2.08E-08	25YrCancer	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143	ALL	SENS	747288.42	4035260.7	2.89E-08	25YrCancer	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	ALL	SENS	747388.42	4035260.7	3.74E-08	25YrCancer	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	ALL	SENS	747488.42	4035260.7	4.55E-08	25YrCancer	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	ALL	SENS	748388.42	4035260.7	4.69E-08	25YrCancer	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	ALL	SENS	748488.42	4035260.7	4.26E-08	25YrCancer	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	ALL	SENS	748588.42	4035260.7	3.86E-08	25YrCancer	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	ALL	SENS	748688.42	4035260.7	3.50E-08	25YrCancer	3.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	ALL	SENS	748788.42	4035260.7	3.19E-08	25YrCancer	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151	ALL	SENS	748888.42	4035260.7	2.91E-08	25YrCancer	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	ALL	SENS	747188.42	4035360.7	2.52E-08	25YrCancer	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153	ALL	SENS	747288.42	4035360.7	3.65E-08	25YrCancer	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	ALL	SENS	747388.42	4035360.7	4.82E-08	25YrCancer	4.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	ALL	SENS	747488.42	4035360.7	5.88E-08	25YrCancer	5.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	ALL	SENS	748388.42	4035360.7	4.71E-08	25YrCancer	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	ALL	SENS	748488.42	4035360.7	4.21E-08	25YrCancer	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	ALL	SENS	748588.42	4035360.7	3.77E-08	25YrCancer	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	ALL	SENS	748688.42	4035360.7	3.39E-08	25YrCancer	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	ALL	SENS	748788.42	4035360.7	3.06E-08	25YrCancer	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	ALL	SENS	748888.42	4035360.7	2.79E-08	25YrCancer	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	ALL	SENS	747188.42	4035460.7	3.19E-08	25YrCancer	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	ALL	SENS	747288.42	4035460.7	4.85E-08	25YrCancer	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	ALL	SENS	747388.42	4035460.7	6.51E-08	25YrCancer	6.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	ALL	SENS	747488.42	4035460.7	7.88E-08	25YrCancer	7.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	ALL	SENS	748388.42	4035460.7	4.59E-08	25YrCancer	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167	ALL	SENS	748488.42	4035460.7	4.05E-08	25YrCancer	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	ALL	SENS	748588.42	4035460.7	3.59E-08	25YrCancer	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	ALL	SENS	748688.42	4035460.7	3.22E-08	25YrCancer	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170	ALL	SENS	748788.42	4035460.7	2.90E-08	25YrCancer	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1171	ALL	SENS	748888.42	4035460.7	2.64E-08	25YrCancer	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1172	ALL	SENS	746388.42	4035560.7	6.11E-09	25YrCancer	6.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	ALL	SENS	746488.42	4035560.7	6.71E-09	25YrCancer	6.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	ALL	SENS	746588.42	4035560.7	7.43E-09	25YrCancer	7.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175	ALL	SENS	746688.42	4035560.7	8.20E-09	25YrCancer	8.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	ALL	SENS	746788.42	4035560.7	9.57E-09	25YrCancer	9.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177	ALL	SENS	746888.42	4035560.7	1.18E-08	25YrCancer	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	ALL	SENS	746988.42	4035560.7	1.53E-08	25YrCancer	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	ALL	SENS	747088.42	4035560.7	2.36E-08	25YrCancer	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	ALL	SENS	747188.42	4035560.7	4.25E-08	25YrCancer	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	ALL	SENS	747288.42	4035560.7	6.84E-08	25YrCancer	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	ALL	SENS	747388.42	4035560.7	9.26E-08	25YrCancer	9.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183	ALL	SENS	747488.42	4035560.7	1.10E-07	25YrCancer	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	ALL	SENS	748388.42	4035560.7	4.33E-08	25YrCancer	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	ALL	SENS	748488.42	4035560.7	3.80E-08	25YrCancer	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	ALL	SENS	748588.42	4035560.7	3.36E-08	25YrCancer	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187	ALL	SENS	748688.42	4035560.7	3.01E-08	25YrCancer	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	ALL	SENS	748788.42	4035560.7	2.71E-08	25YrCancer	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	ALL	SENS	748888.42	4035560.7	2.47E-08	25YrCancer	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	ALL	SENS	746388.42	4035660.7	6.31E-09	25YrCancer	6.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	ALL	SENS	746488.42	4035660.7	6.93E-09	25YrCancer	6.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	ALL	SENS	746588.42	4035660.7	7.79E-09	25YrCancer	7.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	ALL	SENS	746688.42	4035660.7	8.87E-09	25YrCancer	8.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	ALL	SENS	746788.42	4035660.7	1.04E-08	25YrCancer	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	ALL	SENS	746888.42	4035660.7	1.29E-08	25YrCancer	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	ALL	SENS	746988.42	4035660.7	1.74E-08	25YrCancer	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197	ALL	SENS	747088.42	4035660.7	2.95E-08	25YrCancer	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	ALL	SENS	747188.42	4035660.7	6.14E-08	25YrCancer	6.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199	ALL	SENS	747288.42	4035660.7	1.05E-07	25YrCancer	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	ALL	SENS	747388.42	4035660.7	1.40E-07	25YrCancer	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201	ALL	SENS	747488.42	4035660.7	1.57E-07	25YrCancer	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	ALL	SENS	748388.42	4035660.7	3.98E-08	25YrCancer	3.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	ALL	SENS	748488.42	4035660.7	3.49E-08	25YrCancer	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	ALL	SENS	748588.42	4035660.7	3.09E-08	25YrCancer	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	ALL	SENS	748688.42	4035660.7	2.77E-08	25YrCancer	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	ALL	SENS	748788.42	4035660.7	2.50E-08	25YrCancer	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	ALL	SENS	748888.42	4035660.7	2.29E-08	25YrCancer	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208	ALL	SENS	746388.42	4035760.7	6.61E-09	25YrCancer	6.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209	ALL	SENS	746488.42	4035760.7	7.28E-09	25YrCancer	7.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	ALL	SENS	746588.42	4035760.7	8.24E-09	25YrCancer	8.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	ALL	SENS	746688.42	4035760.7	9.57E-09	25YrCancer	9.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212	ALL	SENS	746788.42	4035760.7	1.18E-08	25YrCancer	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	ALL	SENS	746888.42	4035760.7	1.48E-08	25YrCancer	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	ALL	SENS	746988.42	4035760.7	2.03E-08	25YrCancer	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	ALL	SENS	747088.42	4035760.7	3.86E-08	25YrCancer	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1216	ALL	SENS	747188.42	4035760.7	9.97E-08	25YrCancer	9.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217	ALL	SENS	747288.42	4035760.7	1.79E-07	25YrCancer	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218	ALL	SENS	747388.42	4035760.7	2.23E-07	25YrCancer	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219	ALL	SENS	747488.42	4035760.7	2.17E-07	25YrCancer	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1220	ALL	SENS	748388.42	4035760.7	3.56E-08	25YrCancer	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221	ALL	SENS	748488.42	4035760.7	3.13E-08	25YrCancer	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1222	ALL	SENS	748588.42	4035760.7	2.78E-08	25YrCancer	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1223	ALL	SENS	748688.42	4035760.7	2.50E-08	25YrCancer	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224	ALL	SENS	748788.42	4035760.7	2.28E-08	25YrCancer	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225	ALL	SENS	748888.42	4035760.7	2.09E-08	25YrCancer	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226	ALL	SENS	746388.42	4035860.7	7.01E-09	25YrCancer	7.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227	ALL	SENS	746488.42	4035860.7	7.75E-09	25YrCancer	7.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228	ALL	SENS	746588.42	4035860.7	8.91E-09	25YrCancer	8.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229	ALL	SENS	746688.42	4035860.7	1.07E-08	25YrCancer	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230	ALL	SENS	746788.42	4035860.7	1.37E-08	25YrCancer	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1231	ALL	SENS	746888.42	4035860.7	1.84E-08	25YrCancer	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232	ALL	SENS	746988.42	4035860.7	2.56E-08	25YrCancer	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233	ALL	SENS	747088.42	4035860.7	5.37E-08	25YrCancer	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234	ALL	SENS	747188.42	4035860.7	1.96E-07	25YrCancer	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235	ALL	SENS	747288.42	4035860.7	3.44E-07	25YrCancer	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236	ALL	SENS	747388.42	4035860.7	3.39E-07	25YrCancer	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237	ALL	SENS	747488.42	4035860.7	2.56E-07	25YrCancer	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238	ALL	SENS	748388.42	4035860.7	3.10E-08	25YrCancer	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1239	ALL	SENS	748488.42	4035860.7	2.74E-08	25YrCancer	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240	ALL	SENS	748588.42	4035860.7	2.45E-08	25YrCancer	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241	ALL	SENS	748688.42	4035860.7	2.22E-08	25YrCancer	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242	ALL	SENS	748788.42	4035860.7	2.03E-08	25YrCancer	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243	ALL	SENS	748888.42	4035860.7	1.88E-08	25YrCancer	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244	ALL	SENS	746388.42	4035960.7	7.63E-09	25YrCancer	7.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245	ALL	SENS	746488.42	4035960.7	8.45E-09	25YrCancer	8.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246	ALL	SENS	746588.42	4035960.7	9.72E-09	25YrCancer	9.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1247	ALL	SENS	746688.42	4035960.7	1.19E-08	25YrCancer	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248	ALL	SENS	748388.42	4035960.7	2.61E-08	25YrCancer	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249	ALL	SENS	748488.42	4035960.7	2.34E-08	25YrCancer	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250	ALL	SENS	748588.42	4035960.7	2.12E-08	25YrCancer	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251	ALL	SENS	748688.42	4035960.7	1.94E-08	25YrCancer	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252	ALL	SENS	748788.42	4035960.7	1.79E-08	25YrCancer	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253	ALL	SENS	748888.42	4035960.7	1.67E-08	25YrCancer	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254	ALL	SENS	746388.42	4036060.7	8.53E-09	25YrCancer	8.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255	ALL	SENS	746488.42	4036060.7	9.54E-09	25YrCancer	9.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256	ALL	SENS	746588.42	4036060.7	1.11E-08	25YrCancer	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257	ALL	SENS	746688.42	4036060.7	1.37E-08	25YrCancer	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258	ALL	SENS	748388.42	4036060.7	2.13E-08	25YrCancer	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259	ALL	SENS	748488.42	4036060.7	1.94E-08	25YrCancer	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260	ALL	SENS	748588.42	4036060.7	1.79E-08	25YrCancer	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1261	ALL	SENS	748688.42	4036060.7	1.67E-08	25YrCancer	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262	ALL	SENS	748788.42	4036060.7	1.56E-08	25YrCancer	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263	ALL	SENS	748888.42	4036060.7	1.48E-08	25YrCancer	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264	ALL	SENS	746388.42	4036160.7	9.98E-09	25YrCancer	9.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265	ALL	SENS	746488.42	4036160.7	1.14E-08	25YrCancer	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266	ALL	SENS	746588.42	4036160.7	1.37E-08	25YrCancer	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267	ALL	SENS	746688.42	4036160.7	1.76E-08	25YrCancer	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268	ALL	SENS	748388.42	4036160.7	1.71E-08	25YrCancer	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269	ALL	SENS	748488.42	4036160.7	1.59E-08	25YrCancer	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270	ALL	SENS	748588.42	4036160.7	1.50E-08	25YrCancer	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271	ALL	SENS	748688.42	4036160.7	1.42E-08	25YrCancer	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1272	ALL	SENS	748788.42	4036160.7	1.35E-08	25YrCancer	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1273	ALL	SENS	748888.42	4036160.7	1.30E-08	25YrCancer	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00